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HON. JOHN W. LYONS
MAYOR

CITY OF CAMBRIDGE

MASSACHUSETTS

352
C14

THE ANNUAL REPORTS

Made to the City Council for the Year
Ending December 31, 1938



PUBLISHED BY ORDER OF THE CITY COUNCIL
UNDER THE DIRECTION OF THE CITY CLERK

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APPENDICES

Election Commissioners
Water Board
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School Committee



MAYORS OF THE CITY OF CAMBRIDGE

(From 1846 to 1938 inclusive)

James D. Green	May,	1846, to April,	1848
Sydney Willard	April,	1848, to April,	1851
George Stevens	April,	1851, to April,	1853
James D. Green	April,	1853, to April,	1854
*Abraham Edwards	April,	1854, to January,	1855
Zebina L. Raymond	January,	1855, to January,	1856
John Sargent	January,	1856, to January,	1860
†James D. Green	January,	1860, to July 24,	1861
§Charles Theodore Russell	July 31,	1861, to January,	1863
George C. Richardson	January,	1863, to January,	1864
Zebina L. Raymond	January,	1864, to January,	1865
J. Warren Merrill	January,	1865, to January,	1867
Ezra Parmenter	January,	1867, to January,	1868
Charles H. Saunders	January,	1868, to January,	1870
Hamlin R. Harding	January,	1870, to January,	1872
Henry O. Houghton	January,	1872, to January,	1873
Isaac Bradford	January,	1873, to January,	1877
Frank A. Allen	January,	1877, to January,	1878
Samuel L. Montague	January,	1878, to January,	1880
James M. W. Hall	January,	1880, to January,	1881
James A. Fox	January,	1881, to January,	1885
William E. Russell	January,	1885, to January,	1889
Henry H. Gilmore	January,	1889, to January,	1891
Alpheus B. Alger	January,	1891, to January,	1893
William A. Bancroft	January,	1893, to January,	1897
Alvin F. Sortwell	January,	1897, to January,	1899
Edgar R. Champlin	January,	1899, to January,	1901
David T. Dickinson	January,	1901, to January,	1902
John H. H. McNamee	January,	1902, to January,	1904
Augustine J. Daly	January,	1904, to January,	1906
Charles H. Thurston	January,	1906, to January,	1907
Walter C. Wardwell	January,	1907, to April,	1909
William F. Brooks	April,	1909, to April,	1911
J. Edward Barry	April,	1911, to April,	1914
Timothy W. Good	April,	1914, to Dec.	1915
Wendell D. Rockwood	January,	1916, to January,	1918
Edward W. Quinn	January,	1918, to January,	1930
Richard M. Russell	January,	1930, to January,	1936
John D. Lynch	January,	1936, to January,	1938
John W. Lyons	January,	1938, to January,	1940

* Municipal year changed.

† Resigned.

§ First elected by the City Council.

PRESIDENTS OF THE BOARD OF ALDERMEN

1888	*Edward W. Hincks	1903	†John W. Coveney
1889	*John H. Corcoran	1903	Timothy W. Good
1890	*Alvin F. Sortwell	1904	†John W. Coveney
1891	*William A. Bancroft	1905	*J. Edward Barry
1892	*William A. Bancroft	1906	*Charles H. Lake
1893	*John F. Fairbairn	1907	*Charles H. Lake
1894	*John G. Thorogood	1908	*Edward B. James
1895	*John F. Fairbairn	1909	*Edward B. James
1896	*John F. Fairbairn	1910	*Edward B. James
1897	*Russell Bradford	1911	James T. Barrett
1898	*Russell Bradford	1912	James T. Barrett
1899	Walter C. Wardwell	1913	Peter J. Nelligan
1900	Walter C. Wardwell	1914	Peter J. Nelligan
1901	George E. Saunders	1915	Peter J. Nelligan
1902	James F. Aylward		

*Deceased.

† John W. Coveney resigned March 10, 1903, and Timothy W. Good elected to the vacancy.

PRESIDENTS OF THE CITY COUNCIL

1916	*Edward J. Dunphy	1927	Timothy F. Murphy
1917	*Edward J. Dunphy	1928	Timothy F. Murphy
1918	*Dr. John P. Good	1929	Timothy F. Murphy
1919	James T. Barrett	1930	Joseph M. Stokes
1920	James T. Barrett	1931	Jeremiah J. O'Connor
1921	James T. Barrett	1932	Timothy F. Murphy
1922	James T. Barrett	1933	John J. Foley
1923	James T. Barrett	1934	John J. Foley
1924	James T. Barrett	1935	John W. Lyons
1925	*John J. McCarthy	1936	Thomas F. Gibson
1926	*John J. McCarthy	1937	Thomas M. McNamara
1926	Timothy F. Murphy	1938	Thomas M. McNamara

*Deceased.

PRESIDENTS OF THE COMMON COUNCIL

1846 *Isaac Livermore	1873 *Alvaro Blodgett
1847 *John Sargent	Resigned June 17
1848 *John C. Dodge	1873 *Francis H. Whitman
1849 *Samuel P. Heywood	Elected June 17
1850 *Samuel P. Heywood	1874 *George F. Piper
1851 *John S. Ladd	1875 *George F. Piper
1852 *John Sargent	1876 *Frank A. Allen
1853 *John Sargent	1877 *Perez G. Porter
1854 *John C. Dodge	1878 *George S. Saunders
1855 *Alanson Bigelow	1879 *George S. Saunders
1856 *Ezra Ripley. Resigned	1880 *Charles Walker
January 31	1881 *Charles Walker
1856 *George S. Saunders	1882 *George H. Howard
Elected January 31	1883 *George H. Howard
1857 *George S. Saunders	1884 *George H. Howard
1858 *James C. Fisk	1885 *Cornelius G. H. Bennink
1859 *James C. Fisk	1886 *John H. Corcoran
1860 *Hamlin R. Harding	1887 *John H. Corcoran
1861 *Hamlin R. Harding	1888 *Alvin F. Sortwell
1862 *Jared Shepard	1889 *Edward A. Bingham
Resigned September 17	1890 *Edward A. Bingham
1862 *Knowlton S. Chaffee	1891 *Edward C. Wheeler
Elected September 24	1892 Herbert A. Chase
1863 *George S. Saunders	1893 *J. Henry Russell
1864 *George S. Saunders	1894 Charles M. Conant
1865 *John S. March	1895 *John L. Odiorne
1866 *John S. March	1896 *John L. Odiorne
1867 *Marshall T. Bigelow	1897 *Albert S. Apsey
1868 *Knowlton S. Chaffee	1898 George E. Saunders
Resigned February 4	1899 *William F. Brooks
1868 *Henry W. Muzzey	1900 John D. Merrill
Elected February 4	1901 John D. Merrill
1869 *Henry W. Muzzey	1902 *Thorndike Spalding
1870 *Joseph H. Converse	1903 Edward E. Clark
1871 *Joseph H. Converse	1904 *Harry N. Stearns
1872 *Alvaro Blodgett	1905 *George A. Giles

*Deceased

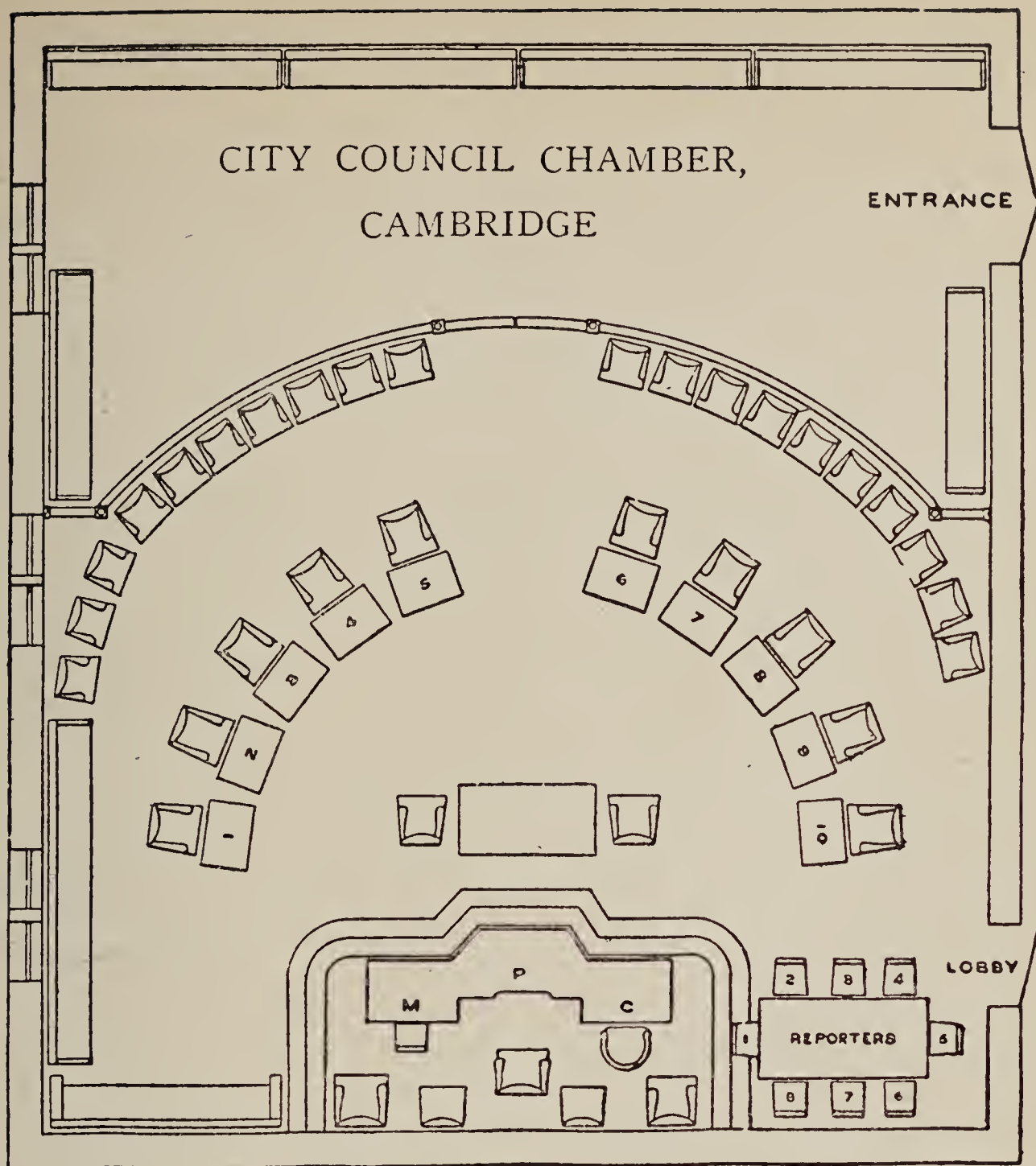
1906	*George A. Giles	1911	Frederick H. Burke
1907	*Henry C. Stetson	1912	Timothy J. Horan
1907	*†Robert W. Hunter	1913	*John H. Lynch
1908	Henry J. Winslow	1914	*Frank J. Lehan
1909	Jesse W. Moreland	1915	Arthur S. Browne
1910	Irving N. Linnell		

* Deceased.

† Elected to fill vacancy.

LEGAL HOLIDAYS

New Year's Day, January 1. Washington's Birthday, February 22. Patriot's Day, April 19. Memorial Day, May 30. Independence Day, July 4. Labor Day, September 5. Columbus Day, October 12. Armistice Day, November 11. Thanksgiving Day, November 24. Christmas Day, December 25.



KEY TO CITY COUNCIL CHAMBER
Cambridge, 1938

P.— THOMAS M. McNAMARA, President

- | | |
|-----------------------|------------------------------|
| 1. Councillor Mahoney | 8. Councillor J. J. Sullivan |
| 2. Councillor Banks | 9. Councillor M. A. Sullivan |
| 3. Councillor Roche | 10. Councillor Swenson |
| 4. Councillor Donovan | 11. Councillor Pill |
| 5. Councillor Tierney | 12. Councillor Winslow |
| 6. Councillor Dee | 13. Councillor Gibson |
| 7. Councillor Sennott | 14. Councillor Toomey |

Reporters

- | | |
|--|--------------------------------------|
| 1. L. D. Fuller, Cambridge Chronicle and Cambridge Sun | 4. Gordon Silver, Cambridge Tribune |
| 2. John J. McGillicuddy, Cambridge Sentinel | 5. Robert M. Smith, Boston Globe |
| 3. John R. Sennott, Jr., Cambridge Recorder | 6. Osborne F. Ingram, Boston Post |
| | 7. Emmanuel T. Mello, Boston Herald |
| | 8. Edward M. Martin, Boston American |

CITY GOVERNMENT

Mayor

JOHN W. LYONS
28 Ellsworth Avenue

Councillors

THOMAS M. McNAMARA, *President*

JOSEPH M. BANKS, 32 Glenwood Avenue.....	Ward 5
MICHAEL J. DEE, 19 Everett Street.....	Ward 7
EDWARD H. DONOVAN, 151 Appleton Street.....	Ward 9
THOMAS F. GIBSON, 24 Walden Street.....	At Large
JAMES E. MAHONEY, 266 Cambridge Street.....	Ward 1
THOMAS M. McNAMARA, 271 Windsor Street.....	Ward 2
HYMAN PILL, 315 Harvard Street.....	At Large
FRANCIS J. ROCHE, 406 Broadway.....	At Large
FRANCIS L. SENNOTT, 5 St. Mary Road.....	Ward 3
JEREMIAH J. SULLIVAN, 18 Hollis Street.....	Ward 11
MICHAEL A. SULLIVAN, 15 Surrey Street.....	Ward 6
CHESTER R. SWENSON, 34 Ellery Street.....	Ward 4
JOHN J. TIERNEY, 182 Richdale Avenue.....	Ward 10
JOHN J. TOOMEY, 395 Windsor Street.....	At Large
HENRY D. WINSLOW, 8 Chauncy Street.....	Ward 8

OFFICERS OF THE CITY COUNCIL

City Clerk

FREDERICK H. BURKE

Assistant City Clerk

ALBERT T. DOYLE

Clerk of Committees

DANIEL J. TOOMEY

City Messenger

A. FRANK MONTGOMERY

Regular meetings on Tuesday evenings, at 8 o'clock

DEPARTMENTS AND BOARDS

City Hall Telephone, Trowbridge 6800

EXECUTIVE DEPARTMENT

JOHN W. LYONS, *Mayor*

EDWARD A. COUNIHAN, *Mayor's Clerk*

EDNA M. BURKE, *Mayor's Secretary*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 17 and 18, City Hall

CITY CLERK'S DEPARTMENT

City Clerk — term, three years from first day of June

FREDERICK H. BURKE, *City Clerk*. Term expires June 1, 1941

ALBERT T. DOYLE, *Assistant City Clerk*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 8 and 9, City Hall

TREASURY DEPARTMENT

City Treasurer — term, one year from first day of June

ANDREW P. CARROLL, *City Treasurer and Collector of Taxes*

Term expires June 1, 1939

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 3 and 4, City Hall

AUDITING DEPARTMENT

City Auditor — term, three years from first day of June

JOHN J. MCKENZIE, *City Auditor*. Term expires June 1, 1939

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 1 and 2, City Hall

CLERK OF COMMITTEES DEPARTMENT

Clerk of Committees — term, one year from first day of June

DANIEL J. TOOMEY, *Clerk of Committees*

Term expires June 1, 1939

FORREST L. GOULD, *Assistant*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 16, City Hall

CITY MESSENGER'S DEPARTMENT

City Messenger — term, one year from first day of June

A. FRANK MONTGOMERY, *City Messenger*

Term expires June 1, 1939

Office Hours: 8 a.m. to 4 p.m.

Office, Room 20, City Hall

LAW DEPARTMENT

RICHARD C. EVARTS, *City Solicitor*

JOSEPH A. DEGUGLIELMO, *Law Clerk*

J. HENRY SMITH, *Law Clerk*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 505, Central Square Building,
678 Massachusetts Avenue, Cambridge

ENGINEERING DEPARTMENT

Term, one year from first day of May

G. FRANK HOOKER, *City Engineer*

Term expires May 1, 1939

THOMAS P. O'NEILL, *Superintendent of Sewers*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 30 and 31, City Hall

BUILDING DEPARTMENT

JOHN J. TERRY, *Superintendent of Public Buildings and
Inspector of Buildings*

LOUISE M. KELLY, *Zoning Consultant and Counter Clerk*

JAMES B. MANSFIELD, *Building Inspector*

WILLIAM J. CUTTER, *Building Inspector*

JOHN F. BROGAN, *Inspector of Plumbing*

WILLIAM J. STANGER, *Inspector of Gas Fitting*

DANIEL F. OWENS, *Inspector of Elevators*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 28, City Hall

STREET DEPARTMENT

Term, one year from first day of May

WILLIAM R. McMENIMEN, *Superintendent of Streets*

Term expires May 1, 1938

WILLIAM R. McMENIMEN, *Superintendent of Streets* — Resigned,
effective February 12, 1938

JAMES F. MAHONEY, *Superintendent of Streets* — Appointed and
confirmed February 8, 1938, effective from February 12, 1938

JAMES F. MAHONEY, *Superintendent of Streets*

Term expires May 1, 1939

WILLIAM H. MULCAHY, *Accountant*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 12, City Hall

HEALTH DEPARTMENT

Board of Health

Three Members. Term, three years from first Monday
in February

DAVID J. NELLIGAN, *Chairman*

JOHN J. HENDERSON

Term expires 1938

DAVID J. NELLIGAN

Term expires 1939

LEO T. MYLES, M.D.

Term expires 1940

SIMON B. KELLEHER, M.D., *Medical Inspector*

JOHN D. CROWLEY, *Clerk*

ROBERT E. BEMIS, Ph.C.

JOSEPH L. JOHNSON, *Inspector of Provisions*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 25, 26 and 27, City Hall

POLICE DEPARTMENT

TIMOTHY F. LEAHY, *Chief*

Telephone, Trowbridge 9800

Office, Municipal Building, Central Square

FIRE DEPARTMENT

HERMAN E. GUTHEIM, *Chief*

Telephone, Trowbridge 0125

Office, Fire Department Headquarters, Junction Broadway,
Cambridge and Quincy Streets

ASSESSORS' DEPARTMENT

JOHN C. HAVERTY, *Chairman* BERNARD F. FALLON, *Secretary*
Term, four years

BERNARD F. FALLON Term expires 1939

JOHN C. HAVERTY Term expires 1939

JAMES J. CASEY Term expires 1941

WILLIAM H. MCGINNESS, *Engineer*

RUTH E. MCGUIGAN, *Chief Clerk*

MARY OTHOTE, MARY GALVIN,

MARY MURPHY, MARY BUTLER, *Clerks*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 21 and 22, City Hall

CITY ELECTRICAL DEPARTMENT

TIMOTHY C. O'HEARN, *City Electrician*

JAMES H. McALLISTER, *Assistant City Electrician*

Office Hours: 8 a.m. to 4 p.m.

Office, Fire Department Headquarters

Telephone, Trowbridge 0125

INSPECTOR OF ANIMALS DEPARTMENT

Term, one year from March 31

DAVID L. BOLGER, M.D.V., *Inspector of Animals*

Term expires March 31, 1939

Residence, 159 Mt. Auburn Street Telephone, Kirkland 3550
(No Office or Hours)

BRIDGE DEPARTMENT

JAMES F. MAHONEY, *Bridge Commissioner*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 12, City Hall

SEALER OF WEIGHTS AND MEASURES DEPARTMENT

JOSEPH M. O'NEIL, *Sealer*

JAMES J. LYNCH, *First Deputy Sealer*

EDWARD W. BARKER and ANDERS T. ANDERSON, *Deputy Sealers*

Office Hours: Fridays, 8 a.m. to 4 p.m.

Saturdays, 8 a.m. to 12 noon

Office, Municipal Building, Central Square

Telephone, Kirkland 8848

CITY PHYSICIAN

Term, three years from first Monday in February

M. L. DRESSLER, M.D.

Term expires first Monday in February, 1940

Residence, 1610 Massachusetts Avenue, Telephone Kirkland 3725

Office, Municipal Building, Central Square

Office Hours: Daily, 9 to 11 a.m.

Telephone, Trowbridge 9850

FENCE VIEWERS

G. FRANK HOOKER, *City Engineer*, City Hall

JOHN J. TERRY, *Superintendent of Public Buildings*, City Hall

CAMBRIDGE PLANNING BOARD

Five Members. Term, five years from first day of May

JEREMIAH F. DOWNEY, *Chairman*

JEREMIAH F. DOWNEY	Term expires 1938
GEORGE L. DOW	Term expires 1939
CHARLES W. KILLAM	Term expires 1940
JOHN F. FERRICK	Term expires 1941
ARTHUR F. GRENIER	Term expires 1942

SCHOOL COMMITTEE

Mayor JOHN W. LYONS, *Chairman*

JOHN J. CARVER, *Vice-Chairman*

JAMES J. CASSIDY, D.M.D., 120 Appleton Street

	Term expires 1939
WILLIAM F. GALGAY, 10 St. Paul Street	Term expires 1939
RALPH W. ROBART, 197 Lexington Avenue	Term expires 1939
JOHN J. CARVER, 62 Fayerweather Street	Term expires 1941
JAMES F. FITZGERALD, 117 Spring Street	Term expires 1941
RUSSELL A. WOOD, 9 Whittier Street	Term expires 1941

EDWARD J. O'CONNELL, *Secretary*

Superintendent of Schools

MICHAEL E. FITZGERALD

Assistant Superintendent of Schools

JOHN M. TOBIN

Executive Secretary

WILLIAM F. DONOVAN

Business Agent

CONSTANTINE J. CHURCH

Assistant to Business Agent

GERALD T. LISTON

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 14, 15 and 24, City Hall

CITY HOSPITAL DEPARTMENT

Trustees of Cambridge City Hospital

Five Members. Term, five years from first day of May

PAUL F. HILLERY, *Chairman*

PAUL F. HILLERY	Term expires 1939
MORRIS L. DRESSLER, M.D.	Term expires 1940
LAWRENCE C. FELONEY	Term expires 1941
JOHN J. CARVER	Term expires 1942
JOHN H. HURLEY	Term expires 1943

CEMETERY DEPARTMENT

Superintendent of Cemetery Department

RALPH N. HAMILTON

Assistant Superintendent of Cemetery Department

GREGORY L. GALLAGHER

Office Hours: at Cemetery, 8 a.m. to 5 p.m.

Office at Cemetery on Coolidge Avenue

Telephone, Trowbridge 6818

*Person to Cause to be Properly Interred the Bodies
of Soldiers and Sailors*

EDWARD F. SULLIVAN

Office, Municipal Building, Central Square

PUBLIC LIBRARY DEPARTMENT

*Trustees of Cambridge Public Library*Seven Members. Term, three years from third Monday
in JanuaryDANIEL A. BUCKLEY, *Chairman*

For the Municipal Year

JAMES F. FITZGERALD of School Committee

Citizens at Large. Term, Three Years

DANIEL A. BUCKLEY	Term expires 1939
ELIZABETH B. SCHLESINGER	Term expires 1939
ALMA M. BOUDREAU	Term expires 1940
HENRY J. MAHONEY	Term expires 1940
JULIA T. BOYLE	Term expires 1941
RICHARD J. COSTELLO, D.M.D.	Term expires 1941

JAMES F. FITZGERALD, *Treasurer*ALMA M. BOUDREAU, *Secretary*THOMAS J. SULLIVAN, *Librarian*

Library open: 9 a.m. to 9 p.m. Reading Room: 9 a.m. to 9 p.m.
 Sunday, 2 to 9 p.m.

Office at Library Building, Broadway, Irving
 and Trowbridge Streets

Telephone, Trowbridge 5005

WATER WORKS DEPARTMENT

Cambridge Water Board

Five Members. Term, five years from thirtieth day of June

President, GEORGE F. MCINNES

THOMAS F. O'HARA	Term expires 1938
GEORGE F. MCINNES	Term expires 1939
TIMOTHY F. MCCARTHY	Term expires 1940
HENRY L. SKELLY	Term expires 1941
JOHN J. FOLEY	Term expires 1942

TIMOTHY W. GOOD, *Superintendent of Water Works*

Office Hours: 8 a.m. to 4 p.m.
 Office, Rooms 5 and 6, City Hall

ELECTION COMMISSION

Four Members. Term, four years from first day of May

C. BRENDAN NOONAN, *Chairman*

HARRY A. PENNIMAN	Term expires 1937
CLARENCE P. KIDDER	Term expires 1939
FRANCIS McDONALD	Term expires 1940
C. BRENDAN NOONAN	Term expires 1942

HARRY A. PENNIMAN, *Secretary*

Office, Municipal Building, Central Square
Telephone, Trowbridge 9828

PARK DEPARTMENT

Park Commissioners

Nine Members. Term, five years from first Monday in May

CARROLL W. DOTEN, *Chairman*

MRS. JESSIE W. BROOKS	Term expires 1939
JEREMIAH J. COUGHLAN	Term expires 1939
MAURICE CORKERY	Term expires 1940
SAMUEL W. PILL	Term expires 1940
JOHN J. McBRIDE	Term expires 1941
JOHN A. SPENCER	Term expires 1941
CARROLL W. DOTEN	Term expires 1942
JOSEPH H. GUINEY	Term expires 1942
MICHAEL SCANNELL	Term expires 1943

STEPHEN H. MAHONEY

General Superintendent of Parks and Superintendent of Recreation

ROSE E. MANNING, *Secretary*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 33, City Hall

SINKING FUND DEPARTMENT

Commissioners of the Sinking Fund

Six Members. Term, three years from first Wednesday in May

WILLIAM H. REARDON, JR., *Chairman*

JOSEPH M. MURPHY	Term expires 1939
ARTHUR M. WRIGHT	Term expires 1939
WILLIAM H. DAVIES	Term expires 1940
CECIL E. FRASER	Term expires 1940
WILLIAM H. REARDON, JR.	Term expires 1941
JAMES J. GRACE	Term expires 1941

FREDERICK J. SULLIVAN, *Secretary*
 ANDREW P. CARROLL, *Treasurer*

BOARD OF PUBLIC WELFARE

Seven Members. Term, five years from first Monday in May

DR. FRANCIS J. MULCAHY, *Chairman*

IDA M. CANNON	Term expires 1938
DR. FRANCIS J. MULCAHY	Term expires 1939
A. JOHN SERINO	Term expires 1940
CHARLES J. McMENIMEN	Term expires 1941
WILLIAM HILL GREENE	Term expires 1941
ANNA J. MCCARTHY	Term expires 1942
TIMOTHY T. A. DANEHY	Term expires 1942

(Ordinance adopted on December 6, 1938, and approved by Mayor
 on December 7, 1938, abolishing Board of seven members
 and establishing a Board of three Commissioners)

BOARD OF PUBLIC WELFARE

Three Commissioners:

PETER J. CAHILL

Term expires first Monday in May, 1939

CHARLES McMENIMEN

Term expires first Monday in May, 1940

THOMAS P. DILLON

Term expires first Monday in May, 1941

JAMES E. FINNEGAN, *Secretary*

JOHN T. SHEA, *Superintendent of Home for Aged and Infirm*

Office Hours at Municipal Building, Central Square

8 a.m. to 4 p.m.

Telephones: City Home, Trowbridge 5370

Office, Trowbridge 9850

BOARD OF APPEAL

Three Members. Term, three years from first day of March

Chairman, PARKER F. SOULE

WILLIAM L. GALVIN (Architect) Term expires 1938

JAMES J. WALSH (Attorney) Term expires 1939

PARKER F. SOULE (Master Builder) Term expires 1940

LOUISE M. KELLY, *Secretary*

BOARD OF LICENSE COMMISSIONERS

JOHN E. QUINN, *Chairman*

Term expires 1940. Term, three years from first day of April

HERMAN E. GUTHEIM, *Chief of Fire Department*

TIMOTHY F. LEAHY, *Chief of Police Department*

POLE AND CONDUIT COMMISSION

JOHN E. QUINN, *Chairman*

JAMES F. MAHONEY, *Superintendent of Streets*

TIMOTHY C. O'HEARN, *City Electrician*

AGENT MUNICIPAL EMPLOYMENT OFFICE

Term, one year beginning January 1

MICHAEL F. ALPHEN

Office, Municipal Building, Central Square

Term expired December 31, 1938

PURCHASING AGENT

Term, two years from first day of April

WILLIAM D. HILLIS

Term expires April 1, 1940

BUDGET EXAMINER

Term, one year from first day of September

OWEN F. McCALL

Term expires September 1, 1939

RETIREMENT BOARD

(As provided by Chapter 453 of the Acts of 1931)

JOHN J. MCKENZIE, *City Auditor*, for the time being
 CONSTANTINE J. CHURCH (a member of the Retirement System)
 Term expired December 31, 1935
 V. GEORGE BADOIAN Term expires January 1, 1941

CAMBRIDGE INDUSTRIAL COMMISSION

Three Members

FRANK H. TOWNSEND, *Chairman*
 OLMORE C. FRANCIS, *Secretary*

(See Chapter 393 of the Acts of 1913, Chapter 223 of the Special Acts of 1917 and Chapter 79 of the Special Acts of 1919)

(Term three years from April 1)

(See ordinance passed to be ordained on March 3, 1936,
and approved on March 5, 1936 — No. 1562)

OLMORE C. FRANCIS	Term expires April 1, 1939
FRANK H. TOWNSEND	Term expires April 1, 1940
JOHN V. W. LAWSON	Term expires April 1, 1941

CAMBRIDGE HOUSING AUTHORITY

Five Members

JOHN H. CORCORAN, *Chairman*
 HENRY WISE, *Vice-Chairman*
 KENNETH C. LINCOLN, *Secretary*

KENNETH C. LINCOLN	Term expires October 22, 1939
REV. AUGUSTINE F. HICKEY	Term expires October 8, 1940
HENRY WISE	Term expires October 22, 1941
DANIEL F. BURNS	Term expires November 12, 1942
*JOHN H. CORCORAN	Term expires November 25, 1943

*Appointed by State Board of Housing

CITY MISSIONARY

JOHN F. CAWLEY

CAMBRIDGE YOUTH COMMISSION

(15 Members)

REVEREND JOHN A. BUTLER	Term expires March 31, 1939
JOSEPH CASHMAN	Term expires March 31, 1939
CHARLES T. CAVANAUGH	Term expires March 31, 1939
CARROLL L. CHASE	Term expires March 31, 1939
BERTHA GOLDTHWAITE	Term expires March 31, 1939
INGOLF B. BOCKMAN	Term expires March 31, 1940
FRANK J. FRISOLI	Term expires March 31, 1940
SELMA GRIFFITH	Term expires March 31, 1940
GRACE FAIR MACDONALD	Term expires March 31, 1940
MARIE L. PETERSEN	Term expires March 31, 1940
JOSEPH E. BANDZUL	Term expires March 31, 1941
BERNARD T. DUFFY	Term expires March 31, 1941
STEPHEN H. MAHONEY	Term expires March 31, 1941
SAMUEL BENNETT MANNOS	Term expires March 31, 1941
THOMAS J. MURPHY	Term expires March 31, 1941

Chairman

THOMAS J. MURPHY

Secretary

BERTHA GOLDTHWAITE

TRUSTEES OF THE BULLOCK FUND

(Three Members)

Mayor JOHN W. LYONS, *Chairman ex officio*

KATHERINE W. BORN	Term expires May 31, 1939
ARTHUR G. MACKENZIE	Term expires May 31, 1940
WILLIAM P. BUNYON	Term expires May 31, 1941

AGENT FOR COMMITTEE ON SOLDIERS' AID

EDWARD F. SULLIVAN

WILLIAM F. BOYLE, TIMOTHY J. SULLIVAN, *Investigators*

Office Hours: 8 a.m. to 4 p.m.

Office, Municipal Building, Central Square

TRUSTEES OF THE DOWSE INSTITUTE

PROFESSOR JOSEPH H. BEALE, *President*
STOUGHTON BELL, *Secretary and Treasurer*

JOHN W. LYONS, *Mayor, ex officio*

JEROME D. GREENE

THOMAS M. McNAMARA, *President of City Council, ex officio*

TRUSTEES OF THE SANDERS TEMPERANCE FUND

JOHN W. LYONS, *Mayor*

THOMAS M. McNAMARA, *President of City Council*

FREDERICK H. BURKE, *City Clerk*

Ex officiis

TRUSTEES OF THE BRIDGE CHARITABLE FUND

JOHN W. LYONS, *Mayor*

THOMAS M. McNAMARA, *President of City Council*

DR. FRANCIS J. MULCAHY

Chairman of the Board of Public Welfare, ex officiis

STANDING COMMITTEES — CITY COUNCIL
YEAR 1938

Americanization and Education. Councillors Winslow, J. J. Sullivan, Dee, Donovan, Tierney.

Bonds. Councillors Pill, Dee, Roche.

City Engineering. Councillors M. A. Sullivan, Banks, Tierney.

City Planning. Councillors J. J. Sullivan, Winslow, Gibson, Dee, Tierney.

Claims. Councillors Mahoney, Toomey, Swenson, Dee, M. A. Sullivan.

Elections and Printing. Councillors Sennott, J. J. Sullivan, Pill, Swenson, Banks.

Finance. President McNamara, Councillors Toomey, Swenson, Gibson, Roche, Mahoney, Pill, J. J. Sullivan, Dee, Donovan, Winslow, M. A. Sullivan, Banks, Sennott, Tierney.

Health. Councillors, Tierney, Winslow, Pill.

Industrial Development. Councillors Banks, Pill, Tierney, M. A. Sullivan, Dee.

Legislative Matters. Councillors J. J. Sullivan, Roche, Gibson, Winslow, Pill.

Licenses. Councillors Swenson, Mahoney, Tierney, Dee, Toomey.

Military Affairs. Councillors Gibson, Sennott, Tierney, M. A. Sullivan, J. J. Sullivan.

Ordinances. President McNamara, Councillors Roche, Mahoney, J. J. Sullivan, Sennott, Swenson, Gibson, Dee, Tierney, Donovan, Banks, M. A. Sullivan, Toomey, Winslow, Pill.

Parks and Cemeteries. Councillors Winslow, Pill, Donovan, Gibson, Toomey.

Public Celebrations. Councillors Pill, Donovan, Mahoney, Sennott, Swenson, M. A. Sullivan, Dee.

Public Property and Public Institutions. Councillors Toomey, Roche, Mahoney, Pill, Banks.

Public Safety. Councillors Tierney, J. J. Sullivan, Sennott, Swenson, Pill.

Public Service. Councillors Mahoney, Donovan, Toomey, Banks, Pill.

Roads and Bridges. Councillors Sennott, Toomey, Swenson, Roche, Pill, Banks, Mahoney.

Rules and Orders. Councillors Winslow, Pill, Gibson, Donovan, Banks.

Soldier's Aid. Councillors Swenson, Mahoney, Tierney, J. J. Sullivan, M. A. Sullivan.

Water Supply. Councillors Pill, Winslow, Banks, M. A. Sullivan, J. J. Sullivan.

Wires and Lamps. Councillors Donovan, Mahoney, Toomey, Swenson, Gibson.

ANNUAL REPORT OF THE CITY AUDITOR

December 31, 1938.

To the Honorable City Council:

I transmit herewith a report for the financial year beginning January 1, 1938 and ending December 31, 1938. Included in this report will be found:

1. Balance Sheet as of December 31, 1938.
2. Summary of Receipts and Expenditures offset by departments and functions.
3. Diagrams and Tables of Expenditures by purposes on basis of one dollar.
4. Analyses of the Appropriation Accounts and Summaries.
5. Debt Condition as of December 31, 1938.
6. Income and Expenditures in detail.
7. Condition of Trust and Investment Funds.

Respectfully submitted,

JOHN J. McKENZIE,
City Auditor.

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BALANCE SHEET — Continued
REVENUE ACCOUNTS — Continued

Amounts brought forward.....	\$229,942 67	\$3,650,726 74	Amount brought forward	\$3,227,816 16
Assets			Liabilities	
Street.....	10,522 62		Revenue Reserved until Collected:	
Public Welfare, Outside Aid.....	549,145 76		Sewer Assessment.....	\$5,223 62
Public Welfare, Old Age Assistance	45,648 85		Sidewalk Assessment.....	843 40
Public Welfare, City Infirmary...	6 73		Motor Vehicle Excise Tax.....	85,835 99
Soldiers' Benefits.....	11,206 20		Tax Title.....	410,164 95
Hospital.....	156,398 53		Departmental.....	1,014,662 37
School.....	5,290 47		Water.....	79,349 14
Park.....	1,290 65			1,596,079 47
Cemetery.....	2,033 55			
Library.....	3,176 34			
		1,014,662 37		
Water:				
Metered Rates.....	\$65,266 47			
Annual Rates.....	5,006 80			
Miscellaneous Charges.....	9,075 87	79,349 14		
Overlay Deficits:			Overlay Reserved for Abatement of Taxes:	
Levy 1929.....	\$227 23		Levy 1931.....	391 70
Levy 1934.....	187 62			
Levy 1935.....	1,374 78			
Levy 1936.....	4,921 51			
Levy 1937.....	11,014 29			
Levy 1938.....	37,703 51	55,428 94		
Deficit, County Tax 1938	\$396 69			
Deficit, State Tax and				
Assessments 1938...	250,261 59			
Less surplus, State Assessments 1938..	\$250,658 28			
	105,423 13			
		145,235 15	Excess and Deficiency.....	121,115 01
		\$4,945,402 34		\$4,945,402 34

NON-REVENUE ACCOUNTS

<i>Assets</i>		<i>Liabilities</i>	
Cash.....	\$1,542,230 86	Appropriation Balances.....	\$2,855,209 42
Loans Authorized.....	250,000 00	Revenue Reserved for Appropriation:	
Federal Grants, PWA.....	1,071,612 00	Sewer Construction.....	\$1,711 50
		Sidewalk Construction.....	6,919 91
		Street Construction.....	2 03
			8,633 44
			<u>\$2,863,842 86</u>

DEFERRED ACCOUNTS

Apportioned Sewer Assessments, not due.....	\$1,238 72	Apportioned Sewer Assessment Revenue Due 1939..	\$619 36
		Due 1940..	619 36
			\$1,238 72
Apportioned Sidewalk Assessments, not due.....	888 33	Apportioned Sidewalk Assessment Revenue Due 1939..	\$377 86
		Due 1940..	149 85
		Due 1941..	139 05
		Due 1942..	114 38
		Due 1943..	37 03
		Due 1944..	31 96
		Due 1945..	26 56
		Due 1946..	11 64
			888 33
			<u>\$2,127 05</u>

BALANCE SHEET — Concluded

DEBT ACCOUNTS

General Debt

Assets

Commissioners of Sinking Funds, outside debt limit.....
Net Funded, or Fixed, Debt, outside debt limit.....

\$2,107,563 62
4,318,086 38

Sinking Fund, Outside:

Separate System Sewer Loans.....
Cambridge Bridge Loans.....
Commercial Avenue Bridge Loans..
Brookline Bridge Approach Loans..
Park Loans.....
Land for Playgrounds Loans.....

\$95,000 00
1,366,000 00
50,000 00
25,000 00
600,000 00
95,000 00

Serial, Outside:

Separate System Sewer Loans.....
Street Loans.....
Bridge Loans.....
Building Loans.....
Hospital Loans.....
School Loans.....
Park Loans.....
Land for Playgrounds Loans.....
Municipal Relief.....

523,000 00
107,000 00
297,000 00
285,000 00
608,000 00
1,407,650 00
12,000 00
25,000 00
930,000 00

\$6,425,650 00

\$6,425,650 00

Commissioners of Sinking Funds, inside debt limit.....
Net Funded, or Fixed, Debt, inside debt limit.....

\$93,000 00
3,946,850 00

Sinking Fund, Inside:

Sewer, General Construction Loans..
Serial, Inside:

\$93,000 00

Sewer, General Construction Loans..
Street Loans.....
Bridge Loans.....
Building Loans.....
Hospital Loans.....
School Loans.....
Demand Note, White Charity Fund

812,000 00
2,045,000 00
55,500 00
681,000 00
13,000 00
315,350 00

Trustees.....

5,000 00

Contract, Dowse Institute Fund

Trustees.....

10,000 00

Sanders Temperance Fund (principal used by City).....

10,000 00

4,039,850 00

4,039,850 00

\$10,465,500 00

\$10,465,500 00

Commissioners of Water Loans Sinking Funds.....	\$47,064 17	Water Loans (Sinking Fund).....	\$26,500 00
Net Fixed Water Debt.....	704,000 00	Water Loans (Serial).....	704,000 00
			\$730,500 00
		Water Sinking Fund Surplus.....	20,564 17
	\$751,064 17		\$751,064 17
	<u>\$751,064 17</u>		<u>\$751,064 17</u>

TRUST AND INVESTMENT ACCOUNTS

Trust Funds, cash and securities in custody of Treasurer.....	\$305,179 08	Webster Thierry Fund.....	\$334 12
		John W. Freese Fund.....	219 97
		Sarah E. Russell Fund.....	814 41
		Bridge Charity Fund.....	3,609 96
		Rev. Patrick H. Callanan Fund.....	2,000 00
		Edward L. Kingman Fund.....	1,700 00
		Georgia Hardy Spelling Contest Fund.	100 00
		Citizens' Subscription Fund.....	5,626 04
		Daniel P. Cummings Fund.....	2,169 94
		Isaac Fay Fund.....	1,058 21
		Abigail W. Howe Fund.....	3,061 32
		Maria Murdock Fund.....	2,271 61
		William E. Saunders Fund.....	7,228 46
		Edward H. Whorf Fund.....	3,277 45
		Mehitable C. C. Wilson Fund.....	1,469 27
		James A. Woolson Fund.....	5,239 43
		William Penn Harding Fund.....	1,040 49
		Citizen of Cambridge Fund.....	8,850 28
		Carrie H. Saunders Fund.....	1,000 00
		Cemetery Perpetual Care Fund.....	254,108 12
			\$305,179 08
Trust Funds in custody of Trustees.....	20,360 00	Daniel White Charity Fund.....	\$10,360 00
		Dowse Institute Fund.....	10,000 00
Investment Funds, cash and securities, in custody of Treasurer.....	341,336 37	Retirement System Funds:	
		Annuity Savings Fund.....	\$179,602 34
		Pension Accumulation Fund.....	153,878 84
		Annuity Reserve Fund.....	7,855 19
			341,336 37
Trust Fund, principal used by City.....	10,000 00	Sanders Temperance Fund.....	10,000 00
	<u>\$676,875 45</u>		<u>\$676,875 45</u>

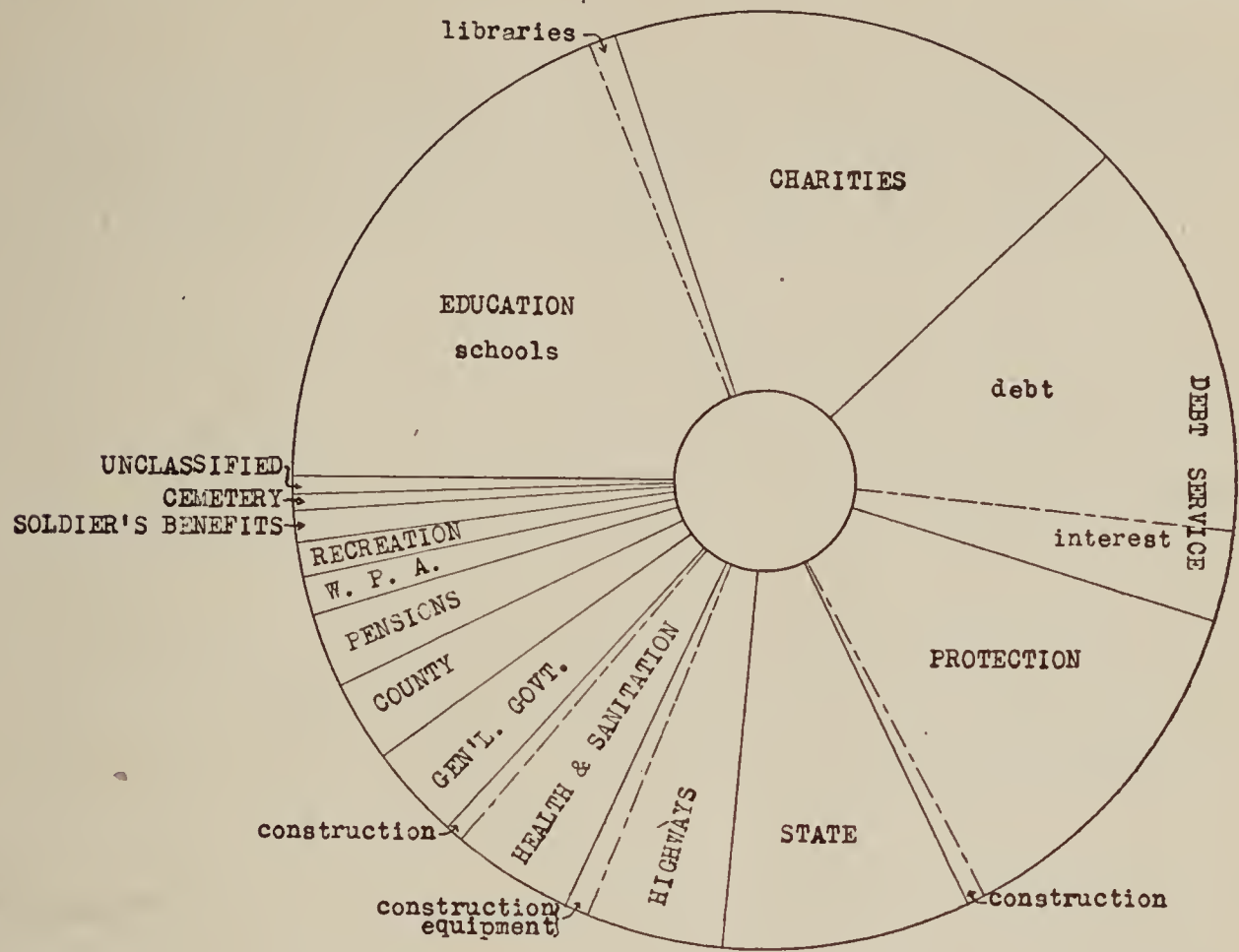
Sealer of Weights and Measures, fees.....	1,697 97	Sealer of Weights and Measures	11,494 33
Forestry, miscellaneous.....	219 00	Forestry.....	21,070 85
	<hr/>		<hr/>
	15,066 76		1,272,650 35
	<hr/>		<hr/>
Health and Sanitation:		Health and Sanitation:	
Health, general maintenance,		Health, general maintenance.	\$109,174 32
Licenses and miscellaneous.....	\$24,068 14		
Tuberculosis Hospital.....	2,659 21	Tuberculosis Hospital.....	62,932 08
“Town” fund.....	38 87	Laboratory.....	7,488 46
Dental clinics, sale of material.....	510 50	Dental clinics.....	16,062 34
		Inspection of animals.....	2,000 00
Sewer, general maintenance,		Sewer, general maintenance.	33,599 13
rents and sale of waste material.....	129 60		
Street, Sanitary Division.....	15,401 10	Street, Sanitary Division.....	201,330 66
	<hr/>		<hr/>
	42,807 42		432,586 99
	<hr/>		<hr/>
Highways and Bridges:		Highways and Bridges:	
Street, general maintenance		Street, general maintenance.	\$454,591 57
State highway fund.....	\$139,000 00	Shops and garages.....	31,165 51
Miscellaneous.....	4,393 28	Boston and Cambridge bridges	5,370 48
	<hr/>		<hr/>
	143,393 28		491,127 56
	<hr/>		<hr/>
Charities:		Charities:	
Hospital, care and miscellaneous.....	\$50,201 43	Hospital.....	\$287,832 68
Welfare, outside aid — loan.....			
Federal grants.....	2,662 72	Welfare:	
Reimbursements.....	159,147 54	City Physician.....	5,544 21
Community fund.....	7 50		
Kinnear fund.....	194 00	Outside Aid.....	877,992 05
	<hr/>		<hr/>
Mothers' Aid, loan.....	\$11,000 00	Mothers' Aid.....	194,981 26
Federal grants.....	33,019 11		
Reimbursements.....	106,488 29	Old Age Assistance.....	415,481 39
	<hr/>	City Infirmary.....	66,528 16
Old Age Assistance, loan.....	\$25,000 00		<hr/>
Federal grants.....	189,871 77		
Reimbursements.....	136,046 78		
	<hr/>		
City Infirmary, care.....	350,918 55		
	2,395 00		
	<hr/>		
	1,130,034 14		1,848,359 75
	<hr/>		<hr/>
Amount carried forward.....	\$8,888,129 67	Amount carried forward.....	\$4,406,740 62

SUMMARY RECEIPTS AND EXPENDITURES — Continued

<i>Amount brought forward</i>	<i>Receipts</i>	<i>Amount brought forward</i>	<i>Expenditures</i>	
		\$8,888,129 67		\$4,406,740 62
Soldiers' benefits, reimbursements.....		9,844 25	Soldiers' benefits.....	99,177 68
			Municipal pensions.....	\$214,740 49
Municipal pensions, reimbursements.....		1,000 00	City's contribution to pension fund of retirement system.	34,826 30
Schools, State, vocational training and English- speaking classes.....	\$19,664 48			
Miscellaneous.....	42,483 84			249,566 79
Libraries.....		62,148 32	Schools.....	1,912,323 77
Recreation:		834 71	Libraries.....	81,935 25
Park, general maintenance.....	\$96 70		Recreation:	
Golf course.....	7,913 00		Park, general maintenance ..	\$67,951 53
Public baths.....	939 95		Golf course.....	12,241 43
Playgrounds.....	1,119 75		Public baths.....	4,488 55
			Playgrounds.....	31,204 64
Cemetery.....		10,069 40		
Unclassified:		40,207 97	Cemetery.....	115,886 15
Damages, reimbursements.....	\$236 63		Unclassified:	65,536 68
			Damages to persons and property.....	\$42,468 02
Telephone.....	40 06		Conventions.....	494 50
			Reward, Harris case.....	500 00
Debt service:			Veterans' Headquarters.....	2,148 61
Maturing debt, from sinking funds.....	\$192,000 00		Rifle range.....	3,311 71
Temporary revenue loans (premiums, \$15.00)	5,700,015 00		Celebrations.....	4,003 62
Interest.....	3,683 86		Annual documents.....	1,850 65
Premiums, general loans.....	20,553 44		Telephone exchange.....	5,667 49
		276 69	Debt service:	60,444 60
			Maturing debt.....	\$1,403,500 00
			Temporary revenue loans ...	5,900,000 00
			Interest.....	315,176 54
			Premium account (cost of prep. and cert. of bonds).....	6,000 00
		5,916,252 30		7,624,676 54

County, dog licenses.....	2,608 41	County tax.....	281,793 96
State, income tax.....	\$626,556 62		
Corporation tax.....	368,464 46		
Reimbursement, boulevards maintenance tax.	2,499 99		
Grants from Funds:		State tax and assessments.....	874,105 36
Dean fund for schools.....	\$568 18	Grants from funds:	
Hopkins fund for schools.....	964 94	Dean fund for schools.....	\$568 18
Smith Hughes fund for schools.....	1,469 22	Hopkins fund for schools.....	856 96
Bullock fund for health (dental).....	3,341 60	Smith Hughes fund for schools	2,031 18
		Bullock fund for health(dental)	571 48
Trust funds income.....			
		Trust funds income.....	4,027 80
		Federal Projects, WPA:	6,411 72
		Executive.....	\$68,541 73
		Budget Examiner.....	1,210 02
		Engineering.....	90 40
		Municipal buildings.....	10,116 45
		Street maintenance.....	15 25
		Municipal Hospital.....	918 10
		Welfare, outside aid.....	5,233 03
		City Physician.....	648 18
		City Infirmary.....	2,189 70
		School.....	4,309 49
		Library.....	1,351 73
		Park.....	34,442 73
		Cemetery.....	714 20
		Surplus commodities distrib..	1,840 20
		Music project.....	1,062 00
Federal Projects, WPA loan.....	100,000 00		
		Refunds:	132,683 21
		Departmental receipts.....	74 42
		Departmental appropriations.....	24,460 41
		Temporary accounts:	
		Trust and investment funds.....	37,307 09
		Guarantee deposits.....	521,653 61
		Agency.....	76,684 79
Amount carried forward.....	\$16,709,638 14	Amount carried forward.....	\$16,575,490 45

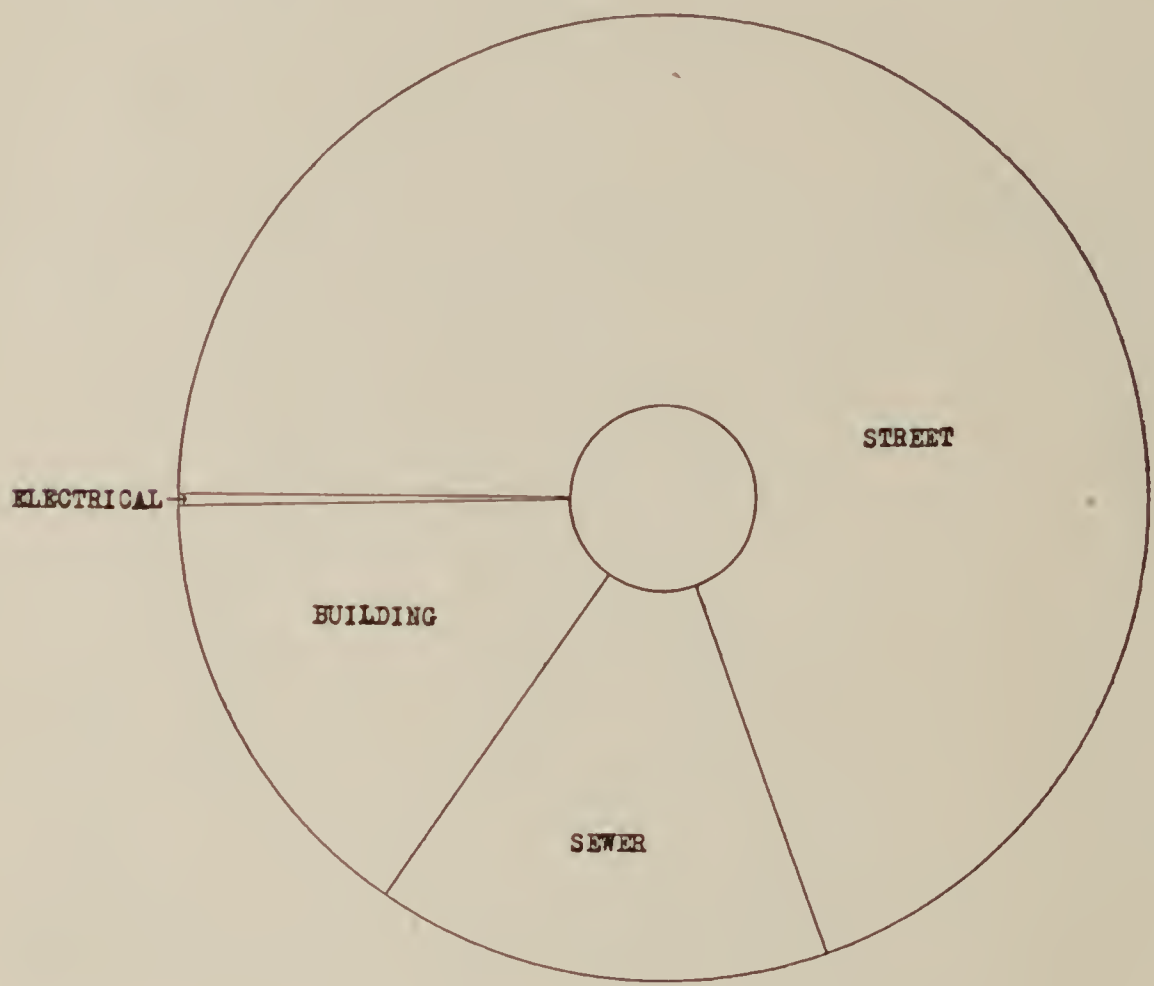
EXPENDITURES BY PURPOSES FOR MAINTENANCE AND OPERATION IN 1938 ON THE BASIS OF ONE DOLLAR



Education:	Schools	\$1.885	
	Libraries .....	.0086	\$.197
Charities.....			.1818
Debt Service:	Debt.....	.1387	
	Interest.....	.0310	.169
Protection:	Maintenance .....	.1252	
	Building Construction (Fire) .....	.0043	.1295
State.....			.0860
Highways and Bridges:	Maintenance .....	.0484	
	Construction and Equipment .....	.0086	.0570
Health and Sanitation:	Maintenance .....	.0426	
	Sewer Construction.....	.0043	.0469
General Government.....			.0332
County.....			.0277
Pensions.....			.0245
WPA Projects.....			.0131
Recreation.....			.0114
Soldiers' Benefits.....			.0098
Cemetery.....			.0064
Unclassified.....			.0059
			<u>\$1.0000</u>

Charities: Municipal Hospital, Outside Aid, City Physician, Mothers' Aid, Old Age Assistance, City Infirmary. Protection: Police, Fire, Electrical, Street Lighting and Traffic Signals, Sealer, Forestry. Health and Sanitation: Health General Maintenance, Tuberculosis Hospital, Dental Clinics, Laboratory, Inspection of Animals, Sewer Maintenance, Street Sanitary Division. General Government: City Council, Clerk Committees, Executive, Auditing, Budget Examiner, Treasury, Administration of Sinking Funds, Assessing, License Commission, City Clerk, City Messenger, Law, Election Commission, Engineering, Inspection of Buildings, Municipal Buildings, Board of Appeal, Employment Bureau, Retirement. Purchasing, Planning Board, Housing Authority. Unclassified: Damages, Conventions, Veterans' Headquarters, Rifle Range, Celebrations, Annual Documents, Telephone Exchange, Reward — "Harris" Case.

EXPENDITURES BY PURPOSES FOR CONSTRUCTION
OF PERMANENT IMPROVEMENTS (OUTLAYS)
IN 1938 ON THE BASIS OF ONE DOLLAR



Street Construction	\$.6944
Sewer Construction . . . . .	.1513
Building Construction . . . . .	.1501
Electrical (Underground) Construction . . . . .	.0042
	<hr/>
	\$1.0000

APPROPRIATION ACCOUNTS
MAINTENANCE AND OPERATION

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1939 (5)	Balances to Treasury (6)
		Salaries (2)	Other (3)			
City Council.....	\$10,326 00	\$7,500 00	\$2,568 21	\$10,068 21	\$246 20	\$11 59
Clerk of Committees.....	7,675 03	7,582 33	87 60	7,669 93	.....	5 10
Executive.....	21,806 00	16,627 66	4,632 08	21,259 74	479 78	66 48
WPA Administration.....	69,510 87	36,091 17	32,450 56	68,541 73	904 31	64 83
Auditing.....	15,527 50	13,821 00	1,510 46	15,331 46	95 00	101 04
Budget examiner.....	4,817 84	2,909 59	1,785 56	4,695 15	121 73	96
Treasury.....	55,207 92	44,409 26	10,022 33	54,431 59	259 60	516 73
Administration, sinking funds.....	641 80	600 00	40 00	640 00	.....	1 80
Assessing.....	29,338 80	27,455 33	1,708 46	29,163 79	32 75	142 26
License Commission.....	7,954 00	7,623 17	261 30	7,884 47	26 95	42 58
Pole and Conduit Commission.....	10 00	.....	.....	.....	.....	10 00
City Clerk.....	21,576 90	18,423 00	2,891 96	21,314 96	255 54	6 40
City Messenger.....	3,304 00	3,200 00	68 90	3,268 90	.....	35 10
Law.....	22,057 09	11,703 00	9,687 91	21,390 91	452 95	213 23
Election Commission.....	33,224 98	24,558 69	8,255 43	32,814 12	15 50	395 36
Engineering.....	22,491 72	19,976 50	2,108 75	22,085 25	323 11	83 36
Inspection of buildings.....	24,410 54	22,418 00	1,738 29	24,156 29	199 52	54 73
Municipal buildings.....	57,279 50	31,357 82	23,115 29	54,473 11	2,193 21	613 18
Police.....	525,933 59	492,453 37	26,911 03	519,364 40	5,317 67	1,251 52
Fire.....	507,183 97	464,670 66	40,423 58	505,094 24	978 12	1,111 61
Electrical.....	78,507 55	61,067 72	11,510 68	72,578 40	5,306 84	622 31
Street lighting and traffic signals.....	143,772 26	.....	143,048 13	143,048 13	102 28	621 85
Sealer of Weights and Measures.....	11,535 09	.....	1,354 33	11,494 33	16 00	24 76
Forestry.....	21,130 25	10,140 00	777 14	21,070 85	1 00	58 40
Health.....	110,477 82	72,719 45	36,454 87	109,174 32	164 67	1,138 83
Tuberculosis Hospital.....	69,415 86	34,050 20	28,881 88	62,932 08	2,670 71	3,813 07
Laboratory.....	7,532 24	7,135 00	353 46	7,488 46	15 22	28 56
Dental clinics.....	16,098 00	15,180 00	882 34	16,062 34	.....	35 66
Inspection of animals.....	2,000 00	2,000 00	.....	2,000 00	.....	.....
Sewer maintenance.....	39,070 56	31,899 52	1,699 61	33,599 13	4,866 91	604 52
Street Sanitary Division.....	202,678 36	183,465 56	17,865 10	201,330 66	1,307 41	40 29
Amounts carried forward.....	\$2,142,496 04	\$1,691,331 71	\$413,095 24	\$2,104,426 95	\$26,352 98	\$11,716 11

APPROPRIATION ACCOUNTS — Continued
MAINTENANCE AND OPERATION — Continued

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1939 (5)	Balances to Treasury (6)
		Salaries (2)	Other (3)			
<i>Amounts brought forward</i>	\$2,142,496 04	\$1,691,331 71	\$413,095 24	\$2,104,426 95	\$26,352 98	\$11,716 11
Street, general maintenance.....	471,414 29	246,195 57	208,411 25	454,606 82	16,613 20	194 27
Street, shop and garage.....	31,341 74	27,999 43	3,166 08	31,165 51	170 40	5 83
Boston and Cambridge bridges.....	5,722 53	1,880 65	3,489 83	5,370 48	339 87	12 18
Municipal Hospital.....	303,846 45	145,020 62	143,730 16	288,750 78	11,211 45	3,884 22
Public welfare, outside aid.....	1,138,385 73	33,020 38	1,045,185 96	1,078,206 34	58,957 73	1,221 66
Old Age Assistance.....	422,052 27	7,081 15	408,400 24	415,481 39	1,326 42	5,244 46
City Physician.....	6,344 27	5,400 00	792 39	6,192 39	138 53	13 35
City Infirmary.....	72,994 97	33,652 67	35,065 19	68,717 86	3,861 52	415 59
Soldiers' benefits.....	99,649 57	8,600 00	90,577 68	99,177 68	.....	471 89
Pensions.....	249,581 60	400 00	249,166 79	249,566 79	.....	14 81
School.....	1,952,818 94	1,681,496 71	235,136 55	1,916,633 26	12,741 64	23,444 04
Library.....	89,406 84	61,685 57	21,601 41	83,286 98	4,705 86	1,414 00
Park, general maintenance.....	114,696 97	56,508 38	45,472 69	101,981 07	11,969 29	746 61
Golf course.....	12,272 95	11,214 12	1,027 31	12,241 43	19 71	11 81
Playgrounds.....	31,779 87	29,341 98	2,275 85	31,617 83	.....	162 04
Public baths.....	4,496 35	3,938 00	550 55	4,488 55	.....	7 80
Cemetery.....	67,242 05	55,404 56	10,846 32	66,250 88	551 73	439 44
Telephone exchange.....	5,953 93	2,032 80	3,634 69	5,667 49	.....	286 44
Board of Appeal.....	1,320 00	950 00	349 16	1,299 16	10 50	10 34
Employment Bureau.....	3,662 50	3,590 00	41 10	3,631 10	.....	31 40
Retirement system administration.....	3,230 50	1,752 00	810 80	2,562 80	642 60	25 10
Purchasing.....	11,471 35	8,081 35	1,230 57	9,311 92	2,000 00	159 43
Housing Authority.....	1,120 85	.....	1,111 96	1,111 96	.....	8 89
Planning Board.....	25 00	.....	3 00	3 00	2 50	19 50
Industrial Commission.....	356 90	.....	.....	.....	24 75	332 15
	\$7,243,684 46	\$4,116,577 65	\$2,925,172 77	\$7,041,750 42	\$151,640 68	\$50,293 36

Conventions.....	500 00	.....	494 50	.....	5 50
Surplus commodities assessment	1,840 20	.....	1,840 20	.....	.....
Music project assessment.....	1,062 00	.....	1,062 00	.....	.....
Revision, ordinances.....	337 40	.....	.....	337 40	.....
Reward, Harris case.....	500 00	.....	500 00	.....	.....
Reward, Somer case.....	1,000 00	.....	.....	1,000 00	.....
Damages, persons and property.....	42,500 00	.....	42,468 02	31 98	.....
Veterans' Headquarters.....	2,150 00	.....	2,148 61	.....	1 39
Military, rifle range.....	3,311 71	.....	3,311 71	.....	.....
Public celebrations.....	4,020 25	.....	4,003 62	.....	16 63
Annual documents.....	2,100 00	.....	1,850 65	.....	249 35
Reserve fund (balance unallocated).....	4,036 70	.....	.....	.....	4,036 70
WPA reserve fund (balance unallocated)	1,680 31	.....	.....	.....	1,680 31
WPA loan (balance unallocated).....	71,083 00	.....	.....	71,083 00	.....
Maturing debt.....	1,211,500 00	.....	1,211,500 00	.....	.....
Maturing debt (from sinking fund).....	192,000 00	.....	192,000 00	.....	.....
Interest, general debt.....	306,980 63	.....	305,418 13	.....	.....
Interest, temporary loans.....	10,380 00	.....	9,758 41	1,562 50	.....
	\$9,100,666 66	\$4,116,577 65	\$4,701,528 62	\$225,655 56	\$56,904 83

Appropriations (column 1):		Expenditures (columns 2, 3, 4):	
Balances brought forward from 1937.....	\$69,260 13	Salaries and wages.....	\$4,116,577 65
Annual budget appropriations:		Materials, supplies and equipment..	\$989,374 22
City.....	\$5,771,382 11	Welfare, Old Age Assistance and	
School.....	1,952,215 27	Mothers' Aid.....	1,449,567 35
Preliminary and supplementary		Street lighting, pensions, soldiers'	
appropriations, city.....	\$203,535 40	benefits, telephone exchange	
Sinking funds for maturing debt ...	192,000 00	(service).....	486,231 20
Federal grants for Old Age Assistance			
and Mothers' Aid.....	222,890 88	Unclassified.....	2,925,172 77
Welfare loans.....	450,000 00	Debt Service.....	57,679 31
WPA projects loan.....	100,000 00		1,718,676 54
State highway fund.....	139,000 00		
"Kinneer" fund for welfare.....	194 00		\$8,818,106 27
"Town" fund for Tuberculosis			
Hospital.....	188 87		
	1,307,809 15		
	\$9,100,666 66		

APPROPRIATION ACCOUNTS — Continued
OUTLAYS (Permanent Improvements)

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1939 (5)	Appropriations Rescinded (6)
		Salaries (2)	Other (3)			
Electrical, underground construction.....	\$18,087 94	\$1,715 00	\$2,702 83	\$4,417 83	\$13,670 11	.....
Traffic construction.....	1,173 87	.....	.....	.....	1,173 87	.....
Departmental equipment.....	93,925 00	.....	42,935 12	42,935 12	50,989 88	.....
Sewer construction.....	403,408 95	110,790 43	55,499 52	166,289 95	237,119 00	.....
Street construction.....	690,003 83	422,442 89	183,228 37	605,671 26	84,332 57	.....
Bridge construction (Third Street).....	2,171 71	.....	.....	.....	2,171 71	.....
Playground (land adjoining Fletcher School) ..	719 30	.....	.....	.....	719 30	.....
School, Rindge School.....	419 87	.....	.....	.....	419 87	.....
Webster School (PWA).....	356,360 00	420 00	9,060 30	9,480 30	346,879 70	.....
High and Latin School (PWA).....	850,000 00	510 00	8,282 42	8,792 42	841,207 58	.....
Building construction.....	26,216 18	.....	.....	.....	26,216 18	.....
Lafayette Square Fire Station.....	42,615 82	590 00	33,824 40	34,414 40	8,201 42	.....
Tuberculosis Hospital.....	262,688 00	.....	188 00	188 00	12,500 00	\$250,000 00
Municipal Building and Police Headquarters	848 63	.....	.....	.....	848 63	.....
Fire Station.....	130 98	.....	130 00	130 00	.....	.....
City Infirmary.....	88	.....	.....	.....	88	.....
Fresh Pond Recreation Building.....	1,000 00	.....	1,000 00	1,000 00	.....	.....
High and Latin School.....	2,900 00	.....	.....	.....	2,900 00	.....
Branch Library (PWA).....	50,000 00	500 00	13,191 96	13,691 96	36,308 04	.....
Municipal Hospital (PWA).....	300,000 00	575 00	11,552 46	12,127 46	287,872 54	.....
Incinerator (PWA).....	250,000 00	443 33	455 27	898 60	249,101 40	.....
Municipal garage (PWA).....	175,000 00	550 00	27,902 40	28,452 40	146,547 60	.....
Tuberculosis Hospital (PWA).....	400,000 00	.....	12,257 14	12,257 14	387,742 86	.....
	\$3,927,670 96	\$538,536 65	\$402,210 19	\$940,746 84	\$2,736,924 12	\$250,000 00

Appropriations (column 1):				
Balances brought forward from 1937				
Raised in tax levy			\$390,688 40	
State and county grants, street construction			178,030 00	
Sidewalk construction revenue			21,092 56	
Loans, sewer construction			6,500 00	
Street construction	\$300,000 00			
Departmental equipment	600,000 00			
Building construction, PWA	50,000 00			
Federal grants	1,428,000 00			
	1,071,612 00			
Reserved for appropriation, WPA			3,331,360 00	
			\$3,927,670 96	

Expenditures (columns 2, 3, 4):				
Salaries and wages				\$538,536 65
Equipment (purchased)				42,935 12
Truck and equipment hire				56,771 44
Materials and supplies				184,659 28
Construction under contracts				117,844 35
				\$940,746 84

APPROPRIATION ACCOUNTS — *Continued*
WATER DEPARTMENT

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1939 (5)	Balances to Water Surplus (6)
		Salaries (2)	Other (3)			
General maintenance.....	\$219,365 76	\$144,758 11	\$63,047 80	\$207,805 91	\$5,702 07	\$5,857 78
Pumping maintenance.....	56,168 28	30,856 60	24,527 68	55,384 28	38 99	745 01
Reservoirs maintenance.....	49,889 25	39,507 00	7,696 32	47,203 32	349 56	2,336 37
Filtration maintenance.....	50,789 53	23,567 21	26,520 50	50,087 71	12 65	689 17
	\$376,212 82	\$238,688 92	\$121,792 30	\$360,481 22	\$6,103 27	\$9,628 33
Maturing debt.....	75,500 00	.....	75,500 00	75,500 00	.....	.....
Interest on debt.....	29,442 50	.....	29,442 50	29,442 50	.....	.....
	\$481,155 32	\$238,688 92	\$225,734 80	\$465,423 72	\$6,103 27	\$9,628 33
Appropriations (column 1):						
Balances brought forward from 1937.....		\$8,358 08				\$238,688 92
From water receipts.....		440,983 71				121,792 30
From water surplus.....		14,813 53				104,942 50
From sinking fund for debt.....		17,000 00				
		<u>\$481,155 32</u>				<u>\$465,423 72</u>
Expenditures (columns 2, 3, 4):						
Salaries.....						\$238,688 92
Materials, supplies and equipment.....						121,792 30
Debt and interest.....						104,942 50
						<u>\$465,423 72</u>
Water construction (outlays).....						
	\$32,978 10	.....	\$32,944 80	\$32,944 80	\$33 30	.....
Appropriation (column 1):						
Balances brought forward from 1937.....		\$241 63				\$12,968 15
From water surplus.....		32,736 47				19,976 65
		<u>\$32,978 10</u>				<u>\$32,944 80</u>

SUMMARY OF EXPENDITURES

APPROPRIATION ACCOUNTS

Salaries and wages:			
City, maintenance and operation.....	\$4,116,577 65		
-Outlays, construction of permanent improvements.....	538,536 65		
		\$4,655,114 30	
Water Department, maintenance and operation.....		238,688 92	\$4,893,803 22
Materials, supplies and equipment:			
City, maintenance and operation.....	\$989,374 22		
Outlays, permanent improvements.....	284,365 84		
		\$1,273,740 06	
Water Department, maintenance and operation.....	\$121,792 30		
Outlays, permanent improvements.....	12,968 15	134,760 45	
Welfare, Old Age Assistance, Mothers' Aid.....			1,408,500 51
Street lighting, pensions, soldiers' benefits.....			1,449,567 35
Unclassified.....			486,231 20
Construction under contracts:			57,679 31
City.....		\$117,844 35	
Water Department.....		19,976 65	137,821 00
Debt Service:			
City.....		\$1,718,676 54	
Water Department.....		104,942 50	1,823,619 04
			\$10,257,221 63

MATURITIES OF OUTSTANDING DEBT
GENERAL DEBT
Funded Loans

Matures	Sewer	Street	Bridge	Building	Hospital	School	Park	Land for Playgrounds	Municipal Relief	Totals	Matures
1939	\$2,000 00	.....	\$48,000 00	.....	.....	.....	\$100,000 00	.....	.....	\$150,000 00	1939
1940	86,000 00	.....	100,000 00	.....	.....	.....	100,000 00	\$50,000 00	.....	336,000 00	1940
1941	40,000 00	.....	132,000 00	.....	.....	.....	100,000 00	45,000 00	.....	317,000 00	1941
1942	15,000 00	.....	94,000 00	.....	.....	.....	48,000 00	.....	.....	157,000 00	1942
1943	45,000 00	.....	77,000 00	.....	.....	.....	50,000 00	.....	.....	172,000 00	1943
1944	.....	.....	385,000 00	.....	.....	.....	31,000 00	.....	.....	416,000 00	1944
1945	.....	.....	240,000 00	.....	.....	.....	55,000 00	.....	.....	295,000 00	1945
1946	.....	.....	175,000 00	.....	.....	.....	25,000 00	.....	.....	200,000 00	1946
1947	.....	.....	105,000 00	.....	.....	.....	10,000 00	.....	.....	115,000 00	1947
1948	.....	.....	45,000 00	.....	.....	.....	42,000 00	.....	.....	87,000 00	1948
1950	.....	.....	20,000 00	.....	.....	.....	8,800 00	.....	.....	28,800 00	1950
1951	.....	.....	10,000 00	.....	.....	.....	30,200 00	.....	.....	40,200 00	1951
1952	.....	.....	10,000 00	.....	.....	.....	.....	.....	.....	10,000 00	1952
Serial Loans											
1939	\$71,500 00	\$660,500 00	\$39,500 00	\$79,500 00	\$63,500 00	\$190,000 00	\$3,000 00	\$2,500 00	\$100,000 00	\$1,210,000 00	1939
1940	71,500 00	547,500 00	39,500 00	78,500 00	55,500 00	189,000 00	3,000 00	2,500 00	100,000 00	1,087,000 00	1940
1941	70,500 00	409,000 00	39,500 00	78,500 00	53,000 00	185,000 00	2,000 00	2,500 00	100,000 00	940,000 00	1941
1942	70,500 00	295,000 00	39,500 00	75,500 00	53,000 00	184,000 00	2,000 00	2,500 00	100,000 00	822,000 00	1942
1943	70,500 00	175,000 00	35,500 00	74,500 00	51,000 00	171,000 00	1,000 00	2,500 00	100,000 00	681,000 00	1943
1944	70,500 00	55,000 00	34,500 00	71,500 00	51,000 00	136,000 00	1,000 00	2,500 00	100,000 00	522,000 00	1944
1945	68,000 00	10,000 00	32,500 00	71,500 00	21,000 00	115,000 00	.....	2,500 00	100,000 00	420,500 00	1945
1946	67,000 00	.....	30,500 00	71,500 00	21,000 00	82,000 00	.....	2,000 00	100,000 00	374,000 00	1946
1947	65,000 00	.....	25,500 00	71,500 00	21,000 00	81,000 00	.....	2,000 00	75,000 00	341,000 00	1947
1948	64,000 00	.....	18,000 00	43,500 00	21,000 00	37,000 00	.....	1,500 00	55,000 00	240,000 00	1948
1949	62,500 00	.....	18,000 00	37,000 00	21,000 00	36,000 00	.....	1,500 00	.....	176,000 00	1949
1950	61,000 00	.....	.....	37,000 00	21,000 00	36,000 00	.....	500 00	.....	155,500 00	1950
1951	57,500 00	.....	.....	37,000 00	21,000 00	36,000 00	.....	.....	.....	151,500 00	1951
1952	54,000 00	.....	.....	37,000 00	21,000 00	35,000 00	.....	.....	.....	147,000 00	1952
1953	49,500 00	.....	.....	37,000 00	21,000 00	35,000 00	.....	.....	.....	142,500 00	1953
1954	42,000 00	.....	.....	13,000 00	21,000 00	35,000 00	.....	.....	.....	111,000 00	1954
1955	38,500 00	.....	.....	13,000 00	21,000 00	35,000 00	.....	.....	.....	107,500 00	1955
1956	36,000 00	.....	.....	13,000 00	21,000 00	35,000 00	.....	.....	.....	105,000 00	1956
1957	33,500 00	.....	.....	13,000 00	21,000 00	35,000 00	.....	.....	.....	102,500 00	1957
1958	30,500 00	.....	.....	13,000 00	21,000 00	35,000 00	.....	.....	.....	99,500 00	1958
1959	30,000 00	.....	.....	.....	.....	.....	.....	.....	.....	30,000 00	1959
1960	27,000 00	.....	.....	.....	.....	.....	.....	.....	.....	27,000 00	1960
1961	24,000 00	.....	.....	.....	.....	.....	.....	.....	.....	24,000 00	1961
1962	21,000 00	.....	.....	.....	.....	.....	.....	.....	.....	21,000 00	1962
1963	20,000 00	.....	.....	.....	.....	.....	.....	.....	.....	20,000 00	1963
1964	19,000 00	.....	.....	.....	.....	.....	.....	.....	.....	19,000 00	1964
1965	16,000 00	.....	.....	.....	.....	.....	.....	.....	.....	16,000 00	1965
1966	12,000 00	.....	.....	.....	.....	.....	.....	.....	.....	12,000 00	1966
1967	9,000 00	.....	.....	.....	.....	.....	.....	.....	.....	9,000 00	1967
1968	3,000 00	.....	.....	.....	.....	.....	.....	.....	.....	3,000 00	1968
Total											
	\$1,523,000 00	\$2,152,000 00	\$1,793,500 00	\$966,000 00	\$621,000 00	\$1,723,000 00	\$612,000 00	\$120,000 00	\$930,000 00	\$10,440,500 00	

Demand Note held by Trustees White Charity Fund.....
Contract, Trustees Dowse Institute Fund.....
Sanders Temperance Fund, principal used by city.....

Total General Debt \$10,465,500 00

WATER DEBT

Matures		Amounts	Matures
Funded Loans:	1941		
Serial Loans:			
	1939	58,500 00	1939
	1940	57,500 00	1940
	1941	57,500 00	1941
	1942	57,500 00	1942
	1943	44,500 00	1943
	1944	44,500 00	1944
	1945	43,000 00	1945
	1946	43,000 00	1946
	1947	42,000 00	1947
	1948	42,000 00	1948
	1949	42,000 00	1949
	1950	34,000 00	1950
	1951	23,000 00	1951
	1952	23,000 00	1952
	1953	23,000 00	1953
	1954	23,000 00	1954
	1955	23,000 00	1955
	1956	23,000 00	1956
Total Water Debt		\$730,500 00	

NET OUTSTANDING DEBT

	Gross	Sinking Funds	Net
General Debt inside debt limit.....	\$4,039,850 00	\$93,000 00	\$3,946,850 00
General Debt outside debt limit.....	6,425,650 00	2,107,563 62	4,318,086 38
	\$10,465,500 00	\$2,200,563 62	\$8,264,936 38
Water Debt.....			
Water Sinking Fund surplus.....	\$730,500 00	\$26,500 00	\$704,000 00
		20,564 17	

Purpose	Authority	inside	outside	debt limit	Issued	Rate	Amount	Matures
Street construction.....	Ch. 44, Sec. 7(6)	inside	debt limit	July	1	1 %	\$200,000 00	1939-1943
Sewer construction.....	Ch. 44, Sec. 7(1)	inside	debt limit	August	1	2 1/4 %	100,000 00	1939-1968
Municipal relief.....	Ch. 58, Acts 1938	outside	debt limit	August	1	1 1/2 %	300,000 00	1939-1948
Street construction.....	Ch. 44, Sec. 7 (6)	inside	debt limit	September	1	1 %	200,000 00	1939-1943
Municipal relief.....	Ch. 58, Acts 1938	outside	debt limit	September	1	1 1/2 %	100,000 00	1939-1948
Library Building (PWA).....	Ch. 50, Acts 1938	outside	debt limit	October	1	2 %	30,000 00	1939-1958
Municipal garage (PWA).....	Ch. 50, Acts 1938	outside	debt limit	October	1	2 %	105,000 00	1939-1958
Municipal incinerator (PWA)...	Ch. 50, Acts 1938	outside	debt limit	October	1	2 %	150,000 00	1939-1958
High School (PWA).....	Ch. 50, Acts 1938	outside	debt limit	October	1	2 %	510,000 00	1939-1958
Webster School (PWA).....	Ch. 50, Acts 1938	outside	debt limit	October	1	2 %	213,000 00	1939-1958
Municipal Hospital (PWA).....	Ch. 50, Acts 1938	outside	debt limit	October	1	2 %	180,000 00	1939-1958
Tuberculosis Hospital (PWA)...	Ch. 50, Acts 1938	outside	debt limit	December	1	1 3/4 %	240,000 00	1939-1958
Street construction.....	Ch. 44, Sec. 7(6)	inside	debt limit	December	1	2 %	200,000 00	1939-1943
Municipal relief.....	Ch. 58, Acts 1938	outside	debt limit	December	1	1 3/4 %	150,000 00	1939-1948
							<hr/>	
							\$2,678,000 00	

GENERAL DEBT MATURED AND PAID IN 1938

From sinking funds.....	\$192,000 00
From revenue funds.....	1,211,500 00
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	\$1,403,500 00
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WATER DEBT MATURED AND PAID IN 1938

From sinking fund.....	\$17,000 00
From Water Department receipts.....	58,500 00
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	\$75,500 00
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BORROWING CAPACITY DECEMBER 31, 1938

Section 10, Chapter 44, General Laws provides "... a city shall not authorize indebtedness to an amount exceeding two and one-half per cent on the average of the assessors' valuation of taxable property for the three preceding years" "All debts, except those expressly authorized by law to be incurred outside the debt limit, shall be reckoned in determining the limit of indebtedness. ..."

The average valuation for 1935-1936-1937 reported by the assessors..... \$178,180,446 00

Two and one-half per cent.....	\$4,454,511 15
Net debt within limit outstanding December 31, 1938.....	\$3,946,850 00
Debt authorized not issued: Sewer construction.....	\$200,000 00
Departmental equipment (street).....	50,000 00
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	250,000 00
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Total net debt outstanding and authorized.....	4,196,850 00
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Borrowing capacity December 31, 1938.....	\$257,661 15

CITY INCOME
MAINTENANCE AND OPERATION
TAXES

Taxes:		
Property:		
Levy 1928.....	\$577 76	
Levy 1929.....	374 45	
Levy 1930.....	64 26	
Levy 1931.....	162 72	
Levy 1932.....	2,564 10	
Levy 1933.....	5,402 08	
Levy 1934.....	11,365 97	
Levy 1935.....	27,314 68	
Levy 1936.....	364,707 97	
Levy 1937.....	1,022,495 87	
Levy 1938.....	5,355,777 97	
		\$6,790,807 83
Polls:		
Levy 1932.....	\$4 00	
Levy 1933.....	8 00	
Levy 1934.....	8 00	
Levy 1935.....	32 00	
Levy 1936.....	562 00	
Levy 1937.....	8,226 00	
Levy 1938.....	33,796 00	
		42,636 00
Old Age Assistance:		
Levy 1932.....	\$3 00	
Levy 1933.....	5 00	
		8 00
Motor Vehicle Excise:		
Levy 1931.....	\$16 09	
Levy 1932.....	223 19	
Levy 1933.....	130 49	
Levy 1934.....	166 29	
Levy 1935.....	315 54	
Levy 1936.....	2,378 50	
Levy 1937.....	37,204 06	
Levy 1938.....	142,286 52	
		182,720 68
From Commonwealth:		
Income Tax.....	\$510,674 11	
Income Tax (Ch. 362, Acts 1936).....	115,882 51	
Corporation Tax (part under Ch. 108, Acts 1937).....	256,179 29	
Corporation Tax, gas and electric.....	112,285 17	
Reimbursement, Boulevards Maintenance.....	2,499 99	
		997,521 07
In Lieu of Taxes.....		7,925 30
Redemptions of Tax Titles.....		269,379 00

LICENSES AND PERMITS

Dance and entertainment.....	\$1,392 50	
Building.....	5,814 32	
Electrical.....	4,243 04	
Elevator operator.....	240 50	
Dump.....	859 75	
Amounts carried forward.....	\$12,550 11	\$8,290,997 88

Maintenance and Operation — Continued

Amounts brought forward..... \$12,550 11 \$8,290,997 88

LICENSES AND PERMITS — Concluded

Firearms (to carry).....	151 50
Fireworks.....	31 00
Gasoline swing arm.....	65 00
Guides.....	17 00
Marriage.....	2,578 00
Oil storage.....	463 00
Sidewalk.....	27 00
Street sign.....	60 00
Fees from Commonwealth (Peddlers).....	550 00

Issued by Board of Health:

Barber shop.....	\$247 00
Beauty parlor, manicure.....	60 00
Beverages.....	50 00
Denatured alcohol.....	49 00
Ice cream manufacture.....	524 50
Milk and pasteurizing.....	501 00
Oleomargarine.....	51 50
Vapor.....	10 00
Refuse registration.....	170 00
	<hr/>
	1,663 00

18,155 61

Licenses issued by License Commission transferred to city treasury from Deposit Account:

Auctioneer.....	\$44 00
Badges.....	147 80
Barrel collector.....	36 00
Billiard and pool.....	120 00
Bowling Alley.....	182 00
Carriage and Wagon.....	85 00
Certified copies.....	26 00
Common victualer.....	1,525 00
Driver.....	84 50
Firearms (to sell).....	3 80
Garage and gasoline.....	767 00
Innholder.....	5 00
Intelligence officer.....	51 00
Junk collector and store.....	1,240 00
Lodging house.....	670 00
Lord's Day.....	1,390 00
Merry-go-round.....	2 00
Minor.....	16 25
Motor vehicles for hire.....	30 00
Open air parking.....	80 00
Pawn broker.....	425 00
Peddler.....	410 00
Skating rink.....	50 00
Soft drinks.....	3 00
Stands.....	83 00
Transient vendor.....	125 00
Used car dealer.....	2,525 00
One day beer.....	136 00
Wines and malt beverages.....	20,860 00
All alcoholic.....	104,750 00

135,872 35

Amount carried forward..... \$8,445,025 84

Maintenance and Operation — Continued

Amount brought forward..... \$8,445,025 84

COURT FINES

Middlesex County House of Correction.....	\$737 50	
Third Middlesex District Court.....	2,610 61	
		3,348 11

GRANTS AND GIFTS

From Commonwealth:		
Maintenance of vocational schools.....	\$16,055 48	
English speaking classes.....	3,609 00	
Federal Emergency Relief.....	2,662 72	
Old Age Assistance — Federal Grants.....	183,746 92	
Old Age Assistance Administration — Federal Grants.....	6,124 85	
Aid to dependent children (Mothers' aid) — Federal Grants.....	33,019 11	
Highway Fund — Ch. 500, Acts 1938.....	139,000 00	
From County:		
Dog licenses.....	2,608 41	
From individuals:		
Bequest under will of Carrie H. Saunders for library.....	1,000 00	
Community Fund for welfare.....	7 50	
"Elizabeth Town" fund for tuberculosis hospital.....	38 87	
George Dean Fund for schools.....	568 18	
Bullock Fund for health.....	3,341 60	
Kinnear Fund for welfare.....	194 00	
Hopkins Fund for schools.....	964 94	
Smith-Hughes Fund for schools.....	1,469 22	
		394,410 80

EXECUTIVE

Telephone tolls.....	7 00
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AUDITING

Sale of used equipment.....	5 00
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TREASURY

Advertising.....	\$432 50	
Affidavit.....	95 25	
Certificates of lien.....	315 60	
Deed and description.....	152 75	
Demand.....	3,851 36	
Examination of title.....	477 00	
Preparing and posting.....	328 00	
Recording deeds.....	60 20	
Releases.....	264 00	
Statutory fees.....	238 00	
Sale of postage.....	27	
Telephone tolls.....	80	
Sale of used equipment.....	25 00	
Service of warrant.....	6 50	
		6,247 23
Amount carried forward.....		\$8,849,043 98

Maintenance and Operation — Continued

Amount brought forward \$8,849,043 98

CITY CLERK

Business certificates	\$64 75	
Certified copies	304 54	
Chiropody certificates	50	
Dog license fees	312 40	
Married women's certificates	6 75	
Mortgages	2,916 89	
Optometry certificates	50	
Physicians' certificates	1 25	
Sporting license fees	264 50	
Slaughter house	2 00	
		3,874 08

ELECTION COMMISSION

Sale of waste paper 4 04

LAW

Reimbursement 1 00

BUILDING

Rents	\$2,513 50	
Sale of supplies	3 70	
Sale of used equipment	127 00	
		2,644 20

ENGINEERING

Sale of maps	\$13 40	
Telephone tolls	10	
		13 50

POLICE

Service of officers	\$2,898 36	
Sale of used equipment	1,360 60	
Sale of junk	4 00	
Damages	5 00	
Telephone tolls	4 00	
		4,271 96

FIRE

Sale of used equipment 54 25

SEALER OF WEIGHTS AND MEASURES

Sealing fees 1,697 97

ELECTRICAL

Damage to traffic signals	\$431 93	
Sale of used equipment	155 00	
		586 93

HEALTH

Tuberculosis Hospital:		
State	\$260 71	
Cities and towns	2,238 50	
Individuals	160 00	
		\$2,659 21
Amounts carried forward	\$2,659 21	\$8,862,191 91

Maintenance and Operation — Continued

Amounts brought forward.....	\$2,659 21	\$8,862,191 91
HEALTH — Concluded		
Other contagious diseases:		
State.....	\$20,057 14	
Cities and towns.....	2,115 00	
Individuals.....	61 00	
	<hr/>	
	22,233 14	
Dog bite — reimbursement from county.....	160 00	
Dental clinics.....	510 50	
Sale of used equipment.....	12 00	
	<hr/>	
		25,574 85
SEWER		
Rents.....	\$112 00	
Sale of junk.....	17 60	
	<hr/>	
		129 60
STREET		
Damages.....	\$5 00	
Sale of offal.....	15,401 10	
Rent of track.....	300 00	
Repairing pavement.....	255 97	
Driveways.....	1,607 49	
Sale of used equipment.....	938 17	
Sale of junk.....	56 85	
Reimbursement.....	283 05	
	<hr/>	
		18,847 63
CITY INFIRMARY		
Individuals.....		2,395 00
OUTSIDE AID		
State.....	\$138,958 07	
Cities and towns.....	19,799 15	
Reimbursement.....	390 32	
	<hr/>	
		159,147 54
MOTHERS' AID		
State.....	\$105,426 98	
Cities and towns.....	1,061 31	
	<hr/>	
		106,488 29
OLD AGE ASSISTANCE		
State.....	\$133,106 18	
Cities and towns.....	2,940 60	
	<hr/>	
		136,046 78
MUNICIPAL HOSPITAL		
Individuals.....	\$50,178 81	
Sale of used equipment.....	7 00	
Sale of waste material.....	12 82	
Telephone tolls.....	2 80	
	<hr/>	
		50,201 43
SOLDIERS' BENEFITS		
Military Aid.....	\$3,615 25	
Burials.....	403 00	
State Aid.....	5,638 00	
Reimbursements.....	188 00	
	<hr/>	
		9,844 25
Amount carried forward.....		<hr/>
		\$9,370,867 28

Maintenance and Operation — Continued

Amount brought forward..... \$9,370,867 28

MUNICIPAL PENSIONS

State, reimbursement teachers' retirement..... 1,000 00

SCHOOL

Sight-saving classes..... \$1,032 00

Tuition of State wards..... 4,403 28

Tuition of minor wards..... 474 88

Tuition of non-resident pupils:

Continuation School \$69 60

High and Latin School 200 00

Rindge Technical School 922 00

Rindge Evening Industrial School . 375 50

Lip-reading classes..... 6 70

1,573 80

Sale of food:

High and Latin School \$18,288 30

Rindge Technical School 13,691 87

31,980 17

Fines and damages..... 13 08

Minors' licenses and badges..... 145 00

Rent of halls..... 2,471 00

Sale of sanitary supplies..... 33 85

Telephone tolls..... 66 05

Sale of material — Rindge School 53 73

Sale of used equipment..... 127 50

Sale of books..... 100 90

Sale of junk..... 8 60

42,483 84

LIBRARY

Fines..... \$809 71

Sale of used equipment..... 25 00

834 71

PARK

Forestry..... \$219 00

Rents — Russell Field..... 50 00

Golf Course..... 7,913 00

Telephone tolls..... 4 70

Sale of used equipment..... 37 00

Sale of junk..... 5 00

Use of towels:

Cambridge Field..... \$66 00

Corporal Burns Playground..... 173 75

Rindge Field..... 577 30

Russell Hoyt Field..... 302 70

1,119 75

9,348 45

PUBLIC BATHS

Use of towels:

Fletcher School..... \$323 70

Haggerty School..... 104 25

Roberts School..... 293 45

Thorndike School..... 218 55

939 95

Amount carried forward..... \$9,425,474 23

Maintenance and Operation — Continued

<i>Amount brought forward</i>		\$9,425,474 23
CEMETERY		
Burial fees, care, etc.....	\$17,080 55	
Sale of lots and graves.....	15,036 00	
Income, perpetual care fund.....	8,091 42	
		40,207 97
PURCHASING		
Sale of used equipment.....		15 00
INTEREST		
Accrued, general loans.....	\$3,208 86	
Deposit.....	475 00	
Taxes.....	75,340 82	
Tax title redemptions.....	28,669 72	
		107,694 40
PREMIUMS		
Bond issues, general loans.....	\$20,553 44	
Temporary revenue loans.....	15 00	
		20,568 44
DEBT		
From sinking funds to pay maturing debt.....		192,000 00
LOANS		
Temporary loans in anticipation of revenue.....	\$5,700,000 00	
Municipal relief.....	550,000 00	
		6,250,000 00
INCOME — TRUST FUNDS		
Carrie Saunders Fund.....	\$8 33	
William Saunders Fund.....	192 50	
Sanders Temperance Fund.....	600 00	
Thierry Fund.....	7 14	
Freese Fund.....	4 11	
Russell Fund.....	20 36	
Bridge Fund.....	65 72	
Callanan Fund.....	42 50	
Kingman Fund.....	46 75	
Hardy Fund.....	13 50	
Harding Fund.....	25 00	
Citizens' Subscription Fund.....	148 13	
Cummings Fund.....	55 00	
Fay Fund.....	25 00	
Howe Fund.....	82 50	
Murdock Fund.....	50 00	
Whorf Fund.....	145 00	
Woolson Fund.....	137 50	
Citizen of Cambridge Fund.....	176 00	
		1,845 04
MISCELLANEOUS		
From Commissioners Water Sinking Fund for payment of general debt.....	\$100,000 00	
Forfeited guarantee deposits.....	1,001 00	
<i>Amounts carried forward</i>	\$101,001 00	\$16,037,805 08

Maintenance and Operation — Concluded

Amounts brought forward \$101,001 00 \$16,037,805 08

MISCELLANEOUS — Concluded

Telephone exchange — tolls.....	6 13	
Commission, telephone pay station.....	33 93	
Reimbursement, damages persons and property.....	236 63	
Conscience Fund.....	11 50	
	<hr/>	101,289 19

REFUNDS OF PRIOR EXPENDITURES

Executive.....	\$13 12	
Clerk of Committees.....	4 00	
Election Commission.....	7 50	
Law.....	1,583 75	
Treasury.....	1 47	
Police.....	1,104 10	
Fire.....	63 21	
Electrical.....	79 68	
Forestry.....	5 40	
Health.....	93 50	
Street.....	4,631 13	
Welfare.....	14,265 71	
Soldiers' Benefits.....	1,788 00	
Municipal Pensions.....	317 09	
School.....	21 70	
Library.....	14 30	
Park.....	66 75	
Telephone exchange.....	300 00	
Damages persons and property.....	100 00	
	<hr/>	24,460 41
<i>Total Receipts for "Maintenance and Operation"</i>		10,463,554 68
<i>Borrowings in anticipation of receipts</i>		5,700,000 00

TEMPORARY ACCOUNTS**TRUST AND INVESTMENT FUNDS**

Cemetery Perpetual Care Fund.....	\$4,425 50	
Retirement System pay roll deductions.....	31,881 59	
	<hr/>	36,307 09

GUARANTEE DEPOSITS

Contract Bids:		
Executive Department.....	\$100 00	
Auditing Department.....	200 00	
Election Commission Department.....	700 00	
Building Department.....	299,650 00	
Electrical Department.....	500 00	
Police Department.....	1,200 00	
Fire Department.....	1,100 00	
Sewer Department.....	1,700 00	
Street Department.....	26,800 00	
Hospital Department.....	1,300 00	
School Department.....	2,850 00	
Soldiers' Benefits.....	200 00	
Park Department.....	1,900 00	
Purchasing Department.....	7,900 00	
Water Department.....	8,900 00	
	<hr/>	355,000 00
<i>Amount carried forward</i>		\$16,554,861 77

Temporary Accounts — *Concluded*

Amount brought forward \$16,554,861 77

GUARANTEE DEPOSITS — *Concluded*

Departmental:

Driveway.....	\$2,140 00
License.....	155,565 85
Street openings.....	470 00
Park.....	165 00
Sidewalk.....	9,536 15
Tax title bids.....	1,700 00
Option to lease city land.....	500 00
Plans.....	9,225 00

179,302 00

AGENCY

City Clerk, dog licenses.....	\$3,140 75
City Clerk, hunting and fishing licenses.....	2,049 50
Constables' fees.....	539 76
In lieu of surety bonds.....	500 00
Cambridge Retirement System refunds.....	3,888 84
Tax titles held by individuals.....	3,835 61
Teachers' Retirement System.....	62,411 31
Boston Retirement System.....	63 60
Health Department.....	50 00
Taxes paid in advance.....	2 00
Bounties on seals.....	5 50

76,486 87

Total Receipts "Temporary Accounts" 647,095 96

MUNICIPAL ENTERPRISE

WATER

Metered rates.....	\$467,861 95
Annual rates.....	2,226 65
Miscellaneous charges:	
Cleaning supply.....	\$115 00
Maintenance.....	851 95
Off and on.....	169 00
Rents.....	1,680 04
Fire supply.....	750 00
Setting meters.....	1 00
Supply.....	4,966 80
Supply renewals.....	5,177 55
Telephone tolls.....	17 75
Sale of junk.....	95 65

13,824 74

483,913 34

WATER DEBT

From sinking funds to pay maturing debt..... 17,000 00

REFUNDS OF PRIOR EXPENDITURES — WATER

General maintenance.....	23 09
<i>Total Receipts "Municipal Enterprise"</i>	500,936 43

Amount carried forward \$17,311,587 07

Amount brought forward..... \$17,311,587 07

OUTLAYS

PERMANENT IMPROVEMENTS

LOANS

Sewer construction.....	\$100,000 00	
Street construction.....	600,000 00	
PWA building construction projects.....	1,428,000 00	
	<hr/>	2,128,000 00

SEWER ASSESSMENTS RESERVED FOR SEWER CONSTRUCTION

Unapportioned.....	\$610 04	
Apportioned added to taxes 1936.....	48 14	
Apportioned added to taxes 1938.....	7 22	
Committed interest.....	19 62	
	<hr/>	685 02

SIDEWALK ASSESSMENTS RESERVED FOR SIDEWALK CONSTRUCTION

Unapportioned.....	\$286 24	
Apportioned added to taxes 1931.....	24 57	
Apportioned added to taxes 1934.....	29 25	
Apportioned added to taxes 1935.....	30 50	
Apportioned added to taxes 1936.....	44 00	
Apportioned added to taxes 1937.....	460 57	
Apportioned added to taxes 1938.....	302 52	
Committed interest.....	155 22	
	<hr/>	1,332 87

SIDEWALK REVENUE RESERVED FOR SIDEWALK CONSTRUCTION

Sundry persons for material.....	8,522 63
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STREET CONSTRUCTION REVENUE FOR STREET CONSTRUCTION

From State:

Construction Garden Street —

Concord Avenue.....	\$374 14
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Construction Huron Avenue.....	128 87
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Construction Mount Auburn Street	13,726 37
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\$14,229 38

From County:

Construction Mount Auburn Street.....	6,863 18
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Sewer department — reconstructing pavement...	630 96
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Water department — reconstructing pavement...	283 34
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22,006 86

REFUNDS OF PRIOR EXPENDITURES

Street construction.....	\$47 20
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Sewer construction.....	407 57
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Building construction.....	20,582 40
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21,037 17

<i>Total Receipts "Outlays"</i>	2,181,284 55
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Total income.....	\$19,493,171 62
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Cash balance, January 1, 1938.....	1,087,584 95
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Grand total.....	<hr/> <hr/> \$20,580,756 57
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PAYMENTS

MAINTENANCE AND OPERATION

GENERAL GOVERNMENT

CITY COUNCIL

Personal Service:			
Permanent employees.....		\$7,500 00	
Service other than Personal:			
Transportation of persons.....	\$34 00		
Stenographic.....	77 76		
		<u>111 76</u>	
Supplies:			
Food.....		2,456 45	
		<u>\$10,068 21</u>	

CLERK OF COMMITTEES

Personal Service:			
Permanent employees.....		\$7,582 33	
Service other than Personal:			
Printing and binding.....	\$16 25		
Postage.....	20 00		
Service not otherwise coded.....	12 00		
		<u>48 25</u>	
Supplies:			
Office.....		39 35	
		<u>7,669 93</u>	

EXECUTIVE

Personal Service:			
Permanent employees.....		\$16,627 66	
Service other than Personal:			
Printing and binding.....	\$430 75		
Postage.....	128 00		
Advertising and posting.....	9 87		
Cartage and freight.....	1 41		
Rentals.....	150 00		
Motor vehicle, repairs and care....	14 10		
Fees.....	4 10		
Service not otherwise coded.....	38 00		
		<u>776 13</u>	
Equipment:			
Motor vehicle.....	\$1,252 28		
Furniture and fittings.....	999 60		
		<u>2,251 88</u>	
Supplies:			
Office.....	\$292 69		
Food.....	7 78		
Motor vehicle, gasoline and oil.....	383 64		
Motor vehicle, parts.....	126 01		
		<u>810 12</u>	
Special Items:			
Entertainment of distinguished guests	\$643 95		
U. S. conference of mayors.....	150 00		
		<u>793 95</u>	
		<u>21,259 74</u>	
Amount carried forward.....			<u>\$38,997 88</u>

General Government — Continued

Amount brought forward..... \$38,997 88

EXECUTIVE — Concluded

WPA Administration in Executive Department:

Employees..... \$36,091 17

Expenses:

Office supplies..... \$4,190 65

First-aid supplies..... 419 44

Transportation to state projects 16,480 00

Cambridge Settlement House

supplies..... 70 57

Rental of quarters..... 8,679 68

Materials for equipment of

quarters..... 2,610 22

32,450 56

68,541 73

AUDITING

Personal Service:

Permanent employees..... \$13,821 00

Service other than Personal:

Printing and binding..... \$80 75

Postage..... 20 00

Advertising and posting..... 8 50

Rentals..... 54 00

Service not otherwise coded..... 92 53

255 78

Equipment:

Office..... 624 49

Supplies:

Office..... 630 19

15,331 46

BUDGET EXAMINER

Personal Service:

Permanent employees..... \$2,909 59

Service other than Personal:

Printing and binding..... \$510 00

Postage..... 3 00

513 00

Equipment:

Furniture and fittings..... 49 85

Supplies:

Office..... 12 69

Special Items:

WPA Project No. 465-14-3-675; inventory of equip-
ment and supplies of city..... 1,210 02

4,695 15

TREASURY

Personal Service:

Permanent employees..... \$41,956 00

Temporary employees..... 1,775 83

Collection of departmental bills.... 677 43

\$44,409 26

Amounts carried forward..... \$44,409 26 \$127,566 72

General Government — Continued

Amounts brought forward \$44,409 26 \$127,566 22

TREASURY — Concluded

Service other than Personal:

Printing and binding	\$53 60	
Postage	2,538 92	
Advertising and posting	701 50	
Cartage and freight	14 61	
Certification of revenue notes	975 00	
Rent	392 42	
Premium on surety bond	1,572 60	
Communication	160 01	
Motor vehicle, repairs and care	35	
Fees	403 45	
Service not otherwise coded	120 76	
		6,933 22

Equipment:

Office		808 25
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Supplies:

Office	\$2,088 88	
Motor vehicle, gasoline and oil	105 78	
Supplies not otherwise coded	2 85	
Motor vehicle, parts	83 35	
		2,280 86

54,431 59

ADMINISTRATION OF SINKING FUNDS

Personal Service:

Permanent employees	\$600 00
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Service other than Personal:

Rent	40 00
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640 00

ASSESSING

Personal Service:

Permanent employees	\$23,903 83	
Temporary employees	3,551 50	
		\$27,455 33

Service other than Personal:

Printing and binding	\$49 30	
Postage	90 00	
Transportation of persons	346 00	
Rent	92 00	
Stenographic	12 60	
Service not otherwise coded	62 89	
Travel outside of state	190 00	
		842 79

Equipment:

Furniture and furnishings	\$4 00	
Office	41 33	
		45 33

Supplies:

Office	\$811 54	
Supplies not otherwise coded	8 80	
		820 34

29,163 79

Amount carried forward		\$211,801 60
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General Government — Continued

Amount brought forward..... \$211,801 60

LICENSE COMMISSION

Personal Service:			
Permanent employees.....		\$7,623 17	
Service other than Personal:			
Postage.....	\$30 00		
Service not otherwise coded.....	8 00		
			38 00
Supplies:			
Office.....	\$163 30		
Badges.....	60 00		
			223 30
			7,884 47

CITY CLERK

Personal Service:			
Permanent employees.....		\$18,423 00	
Service other than Personal:			
Printing and binding.....	\$209 50		
Postage.....	234 00		
Advertising and posting.....	941 53		
Rent.....	52 00		
Premium on surety bond.....	45 00		
Fees.....	424 34		
Service not otherwise coded.....	21 39		
			1,927 76
Equipment:			
Furniture and fittings.....	\$416 88		
Office.....	107 73		
			524 61
Supplies:			
Office.....	\$433 29		
Supplies not otherwise coded.....	6 30		
			439 59
			21,314 96

CITY MESSENGER

Personal Service:			
Permanent employee.....		\$3,200 00	
Service other than Personal:			
Postage.....	\$7 50		
Transportation of persons.....	10 00		
			17 50
Supplies:			
Office.....		51 40	
			3,268 90

LAW

Personal Service:			
Permanent employees.....	\$11,653 00		
Temporary employees.....	50 00		
		\$11,703 00	
Amounts carried forward.....		\$11,703 00	\$244,269 93

General Government — Continued

Amounts brought forward..... \$11,703 00 \$244,269 93

LAW — Concluded

Service other than Personal:

Printing and binding.....	\$128 80	
Postage.....	50 26	
Transportation of persons.....	50 04	
Light and power.....	22 60	
Rent.....	735 50	
Communication.....	161 15	
Cleaning.....	70 50	
Fees.....	7,880 73	
Photographic and blueprinting.....	96 88	
Service not otherwise coded.....	15 00	
		9,211 46

Equipment:

Furniture and fittings.....	\$47 00	
Office.....	103 24	
		150 24

Supplies:

Office.....	\$179 71	
Food.....	50	
Library.....	146 00	
		326 21

21,390 91

ELECTION COMMISSION

Personal Service:

Permanent employees.....	\$10,031 07	
Temporary employees.....	14,527 62	
		\$24,558 69

Service other than Personal:

Printing and binding.....	\$3,596 90	
Postage.....	267 05	
Advertising and posting.....	321 87	
Transportation of persons.....	231 75	
Cartage and freight.....	1,640 18	
Rent.....	805 00	
Communication.....	211 05	
Stenographic.....	242 12	
Service not otherwise coded.....	365 77	
		7,681 69

Equipment:

Office.....		155 00
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Supplies:

Office.....	\$348 62	
Supplies not otherwise coded.....	70 12	
		418 74

32,814 12

ENGINEERING

Personal Service:

Permanent employees.....	\$18,952 50	
Temporary employees.....	1,024 00	
		\$19,976 50

Service other than Personal:

Printing and binding.....	\$92 00	
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Amounts carried forward.....	\$92 00	\$19,976 50	\$298,474 96
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General Government — Continued

Amounts brought forward \$92 00 \$19,976 50 \$298,474 96

ENGINEERING — Concluded

Postage	4 50	
Transportation of persons	4 20	
Rent	33 95	
Motor vehicle, care and repair	2 25	
Fees	4 00	
Photographic and blueprinting	24 09	
Service not otherwise coded	1 50	
		166 49

Supplies:

Office	\$136 84	
Motor vehicle, gasoline and oil	73 43	
Supplies not otherwise coded	38 59	
Motor vehicle, parts	9 00	
		257 86

Special Items:

Assessors' Plans	\$1,594 00	
WPA Project No. 165-14-6999; supplies for sidewalk survey	90 40	
		1,684 40

22,085 25

INSPECTION OF BUILDINGS

Personal Service:

Permanent employees	\$22,418 00	
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Service other than Personal:

Postage	\$48 00	
Transportation of persons	149 40	
Cartage and freight	1 25	
Rent	48 00	
Motor vehicle, repairs and care	61 00	
Fees	3 00	
Service not otherwise coded	1 63	
		312 28

Equipment:

Motor vehicle	\$723 55	
Furniture and fittings	26 50	
		750 05

Supplies:

Office	\$203 68	
Motor vehicle, gasoline and oil	141 16	
Supplies not otherwise coded	1 73	
Motor vehicle, parts	29 39	
		375 96

Special items:

Protection of property endangered by unsafe building	300 00	
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24,156 29

MUNICIPAL BUILDINGS

Personal Service:

Permanent employees	\$31,224 50	
Temporary employees	133 32	
		\$31,357 82

Amounts carried forward \$31,357 82 \$344,716 50

General Government — *Concluded*

Amounts brought forward \$31,357 82 \$344,716 50

MUNICIPAL BUILDINGS — *Concluded*

Service other than Personal:

Transportation of persons.	\$ 90	
Cartage and freight.	6 97	
Light and power.	4,646 93	
Service not otherwise coded.	1,968 38	
Laundering towels.	76 03	
	<hr/>	6,699 21

Supplies:

Fuel.	\$2,788 16	
Laundry, cleaning.	176 94	
Chemicals and disinfectants.	30 75	
Supplies not otherwise coded.	1,600 84	
	<hr/>	4,596 69

Materials:

Building.		677 94
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Special Items:

Repairs to ladies' room at city hall.	\$525 00	
WPA OP465-14-2-61; painting central fire headquarters, materials and supplies.	487 64	
WPA OP465-14-261; repairs in Main Street firehouse, materials and supplies.	1,023 41	
WPA Project 465-14-2-112; renovate and make alterations to Tarbell School.	1,199 17	
WPA Project 465-14-2-61; materials, alteration to police stations.	7,069 19	
Additional radiation in central police station.	445 00	
WPA Project 465-14-3-699; cleaning and renovating in public buildings	337 04	
Elevator Inspection Service.	55 00	
	<hr/>	11,141 45

54,473 11

PROTECTION OF LIFE AND PROPERTY

POLICE

Personal Service:

Permanent employees.	\$492,453 37
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Service other than Personal:

Printing and binding.	\$22 00
Postage.	347 00
Advertising and posting.	12 00
Transportation of persons.	30 00
Cartage and freight.	1 07
Light and power.	1,336 23
Communication.	2,415 28
Motor vehicle, repairs and care.	125 25
Stenographic.	15 00

<i>Amounts carried forward</i>	\$4,303 83	\$492,453 37	\$399,189 61
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Protection of Life and Property — *Continued*

Amounts brought forward \$4,303 83 \$492,453 37 \$399,189 61

POLICE — *Concluded*

Fees 6 00
 Service not otherwise coded 60 85

4,370 68

Equipment:

Motor vehicle \$8,998 00
 Office 107 73
 Tools and instruments 378 00
 Auto tools, workshop, etc. 54 90
 Wearing apparel 6,323 25
 Regalia 198 39

16,060 27

Supplies:

Office \$1,019 16
 Food 90 45
 Laundry, cleaning 70 12
 Motor vehicle, gasoline and oil 3,456 91
 Supplies not otherwise coded 325 79
 Motor vehicle, parts 1,517 65

6,480 08

519,364 40

FIRE

Personal Service:

Permanent employees \$464,670 66

Service other than Personal:

Postage \$8 00
 Advertising and posting 16 50
 Cartage and freight 16 49
 Light and power 2,165 48
 Motor vehicle, care and repairs 139 46
 Boiler inspection 35 00
 Service not otherwise coded 80 53
 Transportation out of state 158 50

2,619 96

Equipment:

Motor vehicle \$19,056 84
 Furniture and fittings 391 94
 Tools and instruments 53 25
 Wearing apparel 3,214 88
 Equipment not otherwise coded 3,158 19
 Regalia 13 50

25,888 60

Supplies:

Office \$289 87
 Fuel 4,484 06
 Medical 12 58
 Laundry, cleaning 1,482 59
 Motor vehicle, gasoline and oil 1,992 54
 Chemicals and disinfectants 264 87
 Supplies not otherwise coded 1,517 80

Amounts carried forward \$10,044 31 \$493,179 22 \$918,554 01

Protection of Life and Property — *Continued*

Amounts brought forward \$10,044 31 \$493,179 22 \$918,554 01

FIRE — *Concluded*

Motor vehicle, parts	1,718 40		
	<hr/>	11,762 71	
Special Items:			
Buildings, repairs and care		152 31	
		<hr/>	505,094 24

ELECTRICAL

Personal Service:			
Permanent employees		\$61,067 72	

Service other than Personal:

Postage	\$5 00		
Advertising and posting	10 75		
Transportation of persons	95 00		
Cartage and freight	18		
Light and power	344 40		
Premium on surety bond	15 00		
Communication	1,121 99		
Motor vehicle, repairs and care	17 50		
Fees	19 40		
Service not otherwise coded	41 95		
Radio repairs	510 57		
	<hr/>	2,181 74	

Equipment:

Apparatus, cable, wire	\$301 82		
Motor vehicle	4,291 29		
Office	55 75		
Tools and instruments	115 60		
	<hr/>	4,764 46	

Supplies:

Office	\$96 03		
Motor vehicle, gasoline and oil	421 93		
Supplies not otherwise coded	389 12		
Motor vehicle, parts	94 44		
Radio	791 12		
	<hr/>	1,792 64	

Materials:

Electrical		229 65	
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Special Items:

Traffic signals	\$1,113 47		
Hurricane damage	1,428 72		
	<hr/>	2,542 19	

72,578 40

STREET LIGHTING AND TRAFFIC SIGNALS

Service other than Personal:

Lighting streets	\$137,817 19		
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Electrical Traffic Signals:

Current for traffic signals and spot-			
lights	\$4,575 99		
Lamp renewals	211 52		
Signal repairs	443 43		
	<hr/>	5,230 94	

143,048 13

Amount carried forward		<hr/>	\$1,639,274 78
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Protection of Life and Property — *Concluded*

Amount brought forward..... \$1,639,274 78

SEALER OF WEIGHTS AND MEASURES

Personal Service:

Permanent employees..... \$10,140 00

Service other than Personal:

Postage.....	\$5 00	
Advertising and posting.....	10 00	
Transportation of persons.....	5 00	
Communication.....	49 69	
Motor vehicle, repairs and care.....	31 50	
	<hr/>	101 19

Equipment:

Motor vehicle.....	\$824 09	
Tools and instruments.....	171 17	
	<hr/>	995 26

Supplies:

Office.....	\$78 35	
Laundry, cleaning.....	11 00	
Motor vehicle, gasoline and oil.....	106 83	
Supplies not otherwise coded.....	5 25	
Motor vehicle, parts.....	56 45	
	<hr/>	257 88

11,494 33

PARK — FORESTRY

Personal Service:

Permanent employees..... \$20,293 71

Service other than Personal:

Postage.....	\$3 00	
Advertising and posting.....	6 00	
Cartage and freight.....	17	
Motor vehicle, repairs and care.....	74 62	
Medical.....	2 00	
Service not otherwise coded.....	57 47	
	<hr/>	143 26

Supplies:

Office.....	\$14 92	
Motor vehicle, gasoline and oil.....	135 22	
Chemicals and disinfectants.....	127 92	
Supplies not otherwise coded.....	246 66	
Motor vehicle, parts.....	109 16	
	<hr/>	633 88

21 070 85

HEALTH AND SANITATION

HEALTH — GENERAL

Personal Service:

Medical inspectors.....	\$3,500 00
Sanitary inspectors.....	7,836 67
Inspectors of provisions and slaughtering.....	8,080 00
Housing inspector.....	2,700 00
Office employees.....	8,333 00
	<hr/>

Amounts carried forward..... \$30,449 67

\$1,671,839 96

Health and Sanitation — Continued

Amounts brought forward \$30,449 67 \$1,671,839 96

HEALTH — GENERAL — Concluded

Social worker	1,900 00		
School physicians and school nurses	23,102 38		
Infant welfare nurses	6,500 00		
T. B. Dispensary physician and nurses	4,200 00		
Contagious nurses	3,367 40		
Schick testing physician	1,500 00		
Clinic nurse	1,700 00		
		\$72,719 45	
Service other than Personal:			
Printing and binding	\$114 75		
Postage	267 58		
Transportation of persons	750 00		
Freight and cartage	35		
Rent	48 00		
Communication	173 43		
Motor vehicle, repairs and care	52 35		
Care of persons	27,477 07		
Fees	19 50		
Service not otherwise coded	20 00		
		28,923 03	
Equipment:			
Motor vehicle		824 09	
Supplies:			
Office	\$365 49		
Motor vehicle, gas and oil	167 59		
Supplies not otherwise coded	5 55		
Motor vehicle, parts	131 56		
		670 19	
Special Items:			
Annual examination of school children	\$4,418 00		
Infant welfare	67 38		
Schick clinics	57 80		
T. B. Dispensary	177 26		
School inspection	88 50		
Eyeglasses for needy school children	1,228 62		
		6,037 56	
			109,174 32

TUBERCULOSIS HOSPITAL

Personal Service:			
Permanent employees	\$33,081 99		
Temporary employees	968 21		
		\$34,050 20	
Service other than Personal:			
Postage	\$35 00		
Transportation of persons	60		
Cartage and freight	17 67		
Light and power	155 21		
Communication	177 86		
Amounts carried forward	\$386 34	\$34,050 20	\$1,781,014 28

Health and Sanitation — Continued

Amounts brought forward \$386 34 \$34,050 20 \$1,781,014 28

TUBERCULOSIS HOSPITAL — Concluded

Boiler inspection 20 00
 Service not otherwise coded 557 90

964 24

Equipment:

Furniture and fittings \$1,042 50
 Tools and instruments 29 25
 Sanitary 71 10

1,142 85

Supplies:

Office \$32 13
 Food and ice 17,750 73
 Fuel 4,409 34
 Medical, surgical, laboratory 1,585 47
 Laundry, cleaning 555 88
 Educational and recreational
 occupational therapy 141 40
 Chemicals and disinfectants 29 50
 Supplies not otherwise coded 574 85
 Bedding and linen 1,075 26
 Engine and fireroom 620 23

26,774 79

62,932 08

LABORATORY**Personal Service:**

Permanent employees \$7,100 00
 Temporary employees 35 00

\$7,135 00

Service other than Personal:

Postage \$10 00
 Transportation of persons 10 00
 Motor vehicle, repairs and care 16 00
 Fees 2 00

38 00

Supplies:

Office \$49 00
 Medical, surgical, laboratory 143 13
 Motor vehicle, gasoline and oil 64 61
 Motor vehicle, parts 58 72

315 46

7,488 46

DENTAL CLINICS**Personal Service:**

Permanent employees \$15,090 00
 Temporary employees 90 00

\$15,180 00

Service other than Personal:

Cartage and freight \$ 32
 Service not otherwise coded 28 00

28 32

Equipment:

Medical, surgical, laboratory 42 30

Supplies:

Office \$16 00
 Medical 595 72

611 72

Amounts carried forward \$15,862 34 \$1,851,434 82

Health and Sanitation — Continued

Amounts brought forward \$15,862 34 \$1,851,434 82

DENTAL CLINICS — Concluded

Special Items:
 Alterations..... 200 00
 16,062 34

INSPECTION OF ANIMALS

Personal Service:
 Permanent employee..... 2,000 00

SEWER MAINTENANCE

Personal Service:
 Permanent employees..... \$31,899 52

Service other than Personal:

Postage.....	\$3 00	
Advertising and posting.....	15 50	
Light and power.....	103 15	
Communication.....	78 04	
Motor vehicle, repairs and care.....	56 04	
Medical.....	135 80	
Fees.....	17 00	
Service not otherwise coded.....	2 20	
		410 73

Supplies:

Office.....	\$59 86	
Fuel.....	153 66	
Medical, surgical, laboratory.....	9 85	
Motor vehicle, gasoline and oil.....	157 53	
Chemicals and disinfectants.....	4 90	
Supplies not otherwise coded.....	151 91	
Motor vehicle, parts.....	575 64	
		1,113 35

Materials:

Building.....	1 96	
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Special Items:

Workingmen's compensation.....	173 57	
		33,599 13

STREET SANITARY

Personal Service:

Permanent employees.....	\$183,465 56	
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Service other than Personal:

Hire of auto trucks.....	\$284 55	
Motor vehicle, repairs and care....	424 63	
Medical.....	701 00	
Services of blasting expert.....	1,350 00	
Fees.....	80 00	
Services not otherwise coded.....	1 50	
		2,841 68

Equipment:

Equipment not otherwise coded.....	133 56	
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Amounts carried forward.....	\$186,440 80	\$1,903,096 29
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Health and Sanitation — Concluded

Amounts brought forward..... \$186,440 80 \$1,903,096 29

STREET SANITARY — Concluded**Supplies:**

Motor vehicle, gasoline and oil.....	\$9,520 01	
Supplies not otherwise coded.....	85 70	
Motor vehicle, parts.....	4,150 51	
	<hr/>	13,756 22

Special Items:

Workingmen's compensation.....	1,133 64	
	<hr/>	201,330 66

HIGHWAYS AND BRIDGES**STREET MAINTENANCE****Personal Service:**

Permanent employees.....	\$246,195 57	
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Service other than Personal:

Postage.....	\$25 00	
Advertising and posting.....	42 00	
Cartage and freight.....	7 22	
Hire of trucks.....	3,112 93	
Light and power.....	1,507 15	
Rent.....	55 00	
Motor vehicle, repairs and care.....	693 09	
Snow removal.....	61,304 23	
Medical.....	349 00	
Expert.....	20 00	
Stenographic.....	269 28	
Fees.....	77 00	
Boiler inspection.....	25 00	
Service not otherwise coded.....	119 73	
	<hr/>	67,606 63

Equipment:

Machinery.....	\$108 00	
Furniture and fittings.....	10 00	
Office.....	107 73	
Tools and instruments.....	603 37	
Wearing apparel.....	8 10	
	<hr/>	837 20

Supplies:

Office.....	\$470 43	
Fuel.....	95 02	
Medical.....	38 55	
Motor vehicle, gasoline and oil.....	3,417 82	
Supplies not otherwise coded.....	2,669 09	
Motor vehicle, parts.....	5,084 25	
	<hr/>	11,775 16

Materials:

Highway.....	\$2,314 39	
Bridges.....	221 40	
	<hr/>	2,535 79

Special Items:

WPA Project No. 165-14-6367, survey of highways.....	\$15 25	
	<hr/>	

<i>Amounts carried forward</i>	\$15 25	\$328,950 35	\$2,104,426 95
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Highways and Bridges — Concluded

Amounts brought forward \$15 25 \$328,950 35 \$2,104,426 95

STREET MAINTENANCE — Concluded

Hurricane damage	123,827 12		
Workingmen's compensation	1,814 10		
	<hr/>	125,656 47	
		<hr/>	454,606 82

STREET SHOP AND GARAGE

Personal Service:			
Permanent employees		\$27,999 43	
Service other than Personal:			
Light and power	\$407 25		
Communication	491 46		
Service not otherwise coded	26 20		
	<hr/>	924 91	
Supplies:			
Fuel	\$1,394 20		
Supplies not otherwise coded	846 97		
	<hr/>	2,241 17	
		<hr/>	31,165 51

BOSTON AND CAMBRIDGE BRIDGES

Personal Service:			
Permanent employees		\$1,880 65	
Service other than Personal:			
Light and power		2,574 63	
Supplies:			
Office	\$26 13		
Supplies not otherwise coded	36 07		
	<hr/>	62 20	
Special Items:			
Boston Retirement System		853 00	
		<hr/>	5,370 48

CHARITIES**MUNICIPAL HOSPITAL**

Personal Service:			
Permanent employees	\$123,663 77		
Temporary employees	6,538 88		
General duty nurses	14,817 97		
	<hr/>	\$145,020 62	
Service other than Personal:			
Postage	\$267 50		
Advertising and posting	17 50		
Transportation of persons	139 08		
Cartage and freight	113 04		
Light and power	8,559 83		
Communication	2,596 92		
Examinations	2,882 00		
Motor vehicle, repairs and care	28 00		
Cleaning	100 00		
Service not otherwise coded	3,456 57		
Graduation expenses	104 00		
	<hr/>	18,264 44	
<i>Amounts carried forward</i>		\$163,285 06	\$2,595,569 76

Charities — Continued

Amounts brought forward \$163,285 06 \$2,595,569 76

MUNICIPAL HOSPITAL — Concluded

Equipment:

Machinery	\$86 62	
Furniture and fittings	1,128 75	
Office	581 79	
Medical, surgical, laboratory	1,688 77	
Equipment not otherwise coded	4,266 87	
		7,752 80

Supplies:

Office	\$1,398 94	
Food and ice	55,233 03	
Fuel	9,318 82	
Medical, surgical, laboratory	29,835 29	
Laundry, cleaning	3,371 71	
Supplies not otherwise coded	8,256 58	
Motor vehicle, parts	165 70	
		107,580 07

Special Items:

Subscriptions	\$227 05	
Tunnel materials	7,771 63	
WPA Project No. 465-14-2-770; materials for landscaping and improving grounds	649 60	
WPA Project No. 465-14-3-807; cataloguing and filing	268 50	
Repairing roof at nurses' home	742 40	
Workingmen's compensation	473 67	
		10,132 85

288,750 78

OUTSIDE AID

Personal Service:

Permanent employees	\$30,421 57	
Temporary employees	2,598 81	
		\$33,020 38

Service other than Personal:

Postage	\$450 00	
Transportation of persons	650 00	
Cartage and freight	35	
Communication	563 46	
Fees	150 00	
Service not otherwise coded	13 20	
Travel outside of state	100 00	
		1,927 01

Equipment:

Office		215 46
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Supplies:

Office		906 34
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Special Items:

Burials	\$1,093 70
Cash aid	736,666 15
Clothing	5,541 60
Food	9,612 90
Fuel	38,948 50

Amounts carried forward \$791,862 85 \$36,069 19 \$2,884,320 54

Charities — Continued

Amounts brought forward \$791,862 85 \$36,069 19 \$2,884,320 54

OUTSIDE AID — Concluded

Medical	5,255 89		
Mothers' Aid (aid to dependent children)	194,981 26		
State, cities and towns	12,986 89		
Institution cases	31,817 23		
WPA Project No. 165-14-7999; supplies, rewriting welfare histories	118 18		
WPA Project No. 65-14-S67; rental of distributing stations, supplies . .	2,946 26		
WPA Project No. 65-14-3012; supplies, sewing	1,966 09		
WPA Project No. 65-14-6239; supplies, household aid	202 50		
	<hr/>	1,042,137 15	
			1,078,206 34

BUREAU OF OLD AGE ASSISTANCE

Personal Service:			
Permanent employees		\$7,081 15	
Service other than Personal:			
Postage	\$185 00		
Transportation of persons	150 00		
Cartage and freight	2 75		
	<hr/>	337 75	
Equipment:			
Office		246 98	
Supplies:			
Office		385 31	
Special Items:			
Old age assistance		407,430 20	
		<hr/>	415,481 39

CITY PHYSICIAN

Personal Service:			
Permanent employees	\$3,000 00		
Temporary employees	2,400 00		
	<hr/>	\$5,400 00	
Service other than Personal:			
Cartage and freight	\$1 47		
Communication	72 58		
	<hr/>	74 05	
Equipment:			
Office		27 63	
Supplies:			
Office		42 53	
Amounts carried forward		<hr/>	<hr/>
		\$5,544 21	\$4,378,008 27

Charities — Continued

Amounts brought forward \$5,544 21 \$4,378,008 27

CITY PHYSICIAN — Concluded

Special Items:

WPA Project No. 165-14-7999;
 registered nurses 648 18
 6,192 39

PUBLIC WELFARE — CITY INFIRMARY

Personal Service:

Permanent employees \$33,342 67
 Temporary employees 310 00
 \$33,652 67

Service other than Personal:

Postage \$20 00
 Transportation of persons 359 40
 Cartage and freight 18 48
 Light and power 2,343 72
 Communication 233 81
 Medical 52 85
 Boiler inspection 20 00
 Service not otherwise coded 610 57
 Burials 318 00
 3,976 83

Equipment:

Furniture and furnishings \$105 00
 Medical 85 80
 Wearing apparel 741 96
 Equipment not otherwise coded 104 00
 1,036 76

Supplies:

Office \$28 40
 Food and ice 20,648 05
 Fuel 4,179 12
 Medical 554 09
 Laundry, cleaning 536 99
 Chemicals and disinfectants 37 75
 Tobacco 651 98
 Supplies not otherwise coded 1,067 20
 Motor vehicle, parts 9 16
 Bedding, linen 149 16
 27,861 90

Special Items:

WPA Project No. 165-14-8183;
 stripping and refurnishing of
 furniture \$45 03
 WPA Project No. 7162 O. P. 465-14-
 2-89; materials, alteration to City
 Home and tunnel 2,144 67
 2,189 70
 68,717 86

SOLDIERS' BENEFITS

Personal Service:

Permanent employees \$8,600 00
 \$8,600 00 \$4,452,918 52

Amounts carried forward

Charities — *Concluded*

Amounts brought forward \$8,600 00 \$4,452,918 52

SOLDIERS' BENEFITS — *Concluded*

Service other than Personal:			
Postage	\$25 00		
Transportation of persons	71 04		
Cartage and freight	96		
		97 00	
Equipment:			
Furniture and fittings	\$22 00		
Office	45 00		
		67 00	
Supplies:			
Office		32 09	
Special Items:			
Care of graves	\$808 93		
State aid and military aid, soldiers' relief and burials	89,572 66		
		90,381 59	
			99,177 68

MUNICIPAL PENSIONS

Personal Service:			
Permanent employees		\$400 00	
Supplies:			
Office		10 00	
Municipal Pensions:			
Treasury	\$564 12		
License	689 00		
Engineering	946 40		
Building	1,000 50		
Police	49,503 85		
Fire	67,983 57		
Health	3,924 34		
Sewer	10,003 72		
Street	73,092 43		
Welfare	664 17		
School	2,200 00		
Park	3,052 91		
Cemetery	705 48		
		214,330 49	
			214,740 49

EDUCATION

SCHOOL DEPARTMENT

For:			
Salaries of Superintendent and Assistant Superintendent of Schools	\$12,366 67		
Other general administrative salaries	55,634 15		
Athletic clothing	2,484 70		
Fuel	24,810 17		
Furniture and furnishings	3,228 40		
General expenses	9,976 49		
<i>Amounts carried forward</i>	\$108,500 58	\$4,766,836 69	

Education — Concluded

Amounts brought forward \$108,500 58 \$4,766,836 69

SCHOOL DEPARTMENT — Concluded

Heat at Rindge.	19,275 30	
Janitors' and matrons' salaries.	135,947 35	
Janitors' supplies.	3,614 69	
Light and power.	16,403 29	
Lunch room supplies.	25,015 46	
Minors' licenses.	69 00	
Museum supplies.	241 19	
Other expenses.	9,403 31	
Pensions.	1,320 52	
City's contribution to pension accumulation fund .	17,824 17	
Repairs.	21,286 29	
Supplies.	44,395 89	
Teachers' Salaries:		
Day Schools.	1,424,409 59	
Evening Schools.	14,635 61	
Athletics.	7,799 84	
Substitutes.	26,767 00	
Americanization.	2,108 50	
Examinations.	1,828 00	
Textbooks	25,574 01	
Transportation of pupils.	1,869 00	
Travel outside of state.	84 01	
Tuition to other cities.	3,040 83	
WPA nursery classes.	910 34	
WPA Project, No. 65-14-12799, bookmending. . .	910 91	
WPA Project, No. 65-14-9849, Agassiz School . .	27 60	
WPA Project, No. 65-14-2254, Ellis School	21 77	
WPA Project, No. 665-14-2-79, Fletcher School. .	185 44	
WPA Project, No. 65-14-2473, Kelly School. . . .	55 75	
WPA Project, No. 665-14-2-326, Lincoln School. .	678 36	
WPA Project, No. 65-14-2473, Abraham Lincoln School.	116 01	
WPA Project, No. 65-14-2473, Morse School. . . .	46 34	
WPA Project, No. 665-14-279, Peabody School, weatherstripping.	245 68	
WPA Project, No. 665-14-2-326, Putnam School. .	1,695 61	
WPA Project, No. 665-14-279, Thorndike School, weatherstripping.	302 19	
WPA Project No. 65-14-2316, Webster School. . .	23 83	

1,916,633 26

LIBRARIES**CENTRAL LIBRARY AND BRANCHES**

Personal Service:			
Permanent employees.	\$60,131 07		
Pages.	1,554 50		
		\$61,685 57	
Service other than Personal:			
Printing and binding.	\$454 30		
Postage.	218 23		
Transportation of persons.	20 00		
Cartage and freight.	23 85		
Light and power.	1,396 94		
<i>Amounts carried forward</i>	\$2,113 32	\$61,685 57	\$6,683,469 95

Libraries — *Concluded*

Amounts brought forward \$2,113 32 \$61,685 57 \$6,683,469 95

CENTRAL LIBRARY AND BRANCHES — *Concluded*

Rent	2,196 00		
Insurance	708 14		
Communication	659 89		
Motor vehicle, repairs and care	9 00		
Cleaning	48 00		
Fees	2 00		
Service not otherwise coded	228 75		
Travel outside state	60 70		
		6,025 80	
Equipment:			
Electrical	\$126 42		
Motor vehicle	824 09		
Furniture and fittings	251 85		
Office	212 50		
		1,414 86	
Supplies:			
Office	\$1,521 00		
Fuel	927 77		
Library	9,879 71		
Laundry, cleaning	34 80		
Motor vehicle, gasoline and oil	45 86		
Supplies not otherwise coded	375 41		
Motor vehicle, parts	24 47		
		12,809 02	
Special Items:			
WPA Project, No. 465-14-3-137, materials, pamphlet and picture file	\$1,112 43		
WPA Project, No. 465-14-3-556, materials and supplies, new shelf list of books at library	204 30		
WPA Project, No. 465-14-3-815; geographical survey of registered borrowers	35 00		
		1,351 73	
			83,286 98

RECREATION

PARK MAINTENANCE — GENERAL

Personal Service:			
Permanent employees	\$54,584 38		
Temporary employees	1,924 00		
		\$56,508 38	
Service other than Personal:			
Printing and binding	\$2 45		
Postage	26 00		
Cartage and freight	2 98		
Light and power	310 55		
Lighting parks	994 61		
Rent	72 66		
Communication	186 01		
Motor vehicle, repairs and care	146 40		
<i>Amounts carried forward</i>	\$1,741 66	\$56,508 38	\$6,766,756 93

Recreation — Continued

Amounts brought forward \$1,741 66 \$56,508 38 \$6,766,756 93

PARK MAINTENANCE — GENERAL — Continued

Medical	11 00	
Extermination of insects	44 10	
Blueprinting	2 05	
Service not otherwise coded	556 87	
Laundering towels	331 31	
	<hr/>	2,686 99

Equipment:

Motor vehicles	\$1,695 97	
Furniture and fittings	66 80	
Educational and recreational	15 51	
Tools and instruments	284 20	
Equipment not otherwise coded	186 98	
	<hr/>	2,249 46

Supplies:

Office	\$100 16	
Ice	4 12	
Fuel	3,239 01	
Laundry	225 59	
Recreational and educational	112 00	
Motor vehicle, gasoline and oil	332 15	
Chemicals and disinfectants	73 53	
Supplies not otherwise coded	1,386 60	
Motor vehicle, parts	160 41	
New towels	152 94	
	<hr/>	5,786 51

Special Items:

WPA Project, No. 65-14-6522, tree pruning and surgery, materials and trucking	\$2,809 25	
Installing new hot water heater at Cambridge Field shelter	391 05	
WPA Project, No. 465-14-3-765, tree census, public shade trees, supplies	22 18	
WPA Project, No. 165-14-3351, golf course; Norfolk Street playground; Father Callanan playground; park benches	4,979 24	
WPA Project, No. 465-4-2-59; materials; blanket project for parks	7,816 77	
Workingmen's compensation	329 14	
WPA Project, No. 465-14-2-984, materials for improvements at John J. Ahern Field	4,083 13	
WPA Project, No. 465-14-2-984, materials for improvements at Longfellow Park	2,497 16	
WPA Project, No. 465-14-2-984, materials and supplies, Boardman School recreation center	1,315 91	
WPA Project, No. 465-14-2-984, materials and supplies, golf course club house	259 43	

Amounts carried forward \$24,503 26 \$67,231 34 \$6,766,756 93

Recreation — Continued

Amounts brought forward \$24,503 26 \$67,231 34 \$6,766,756 93

PARK MAINTENANCE — GENERAL — Concluded

WPA Project, No. 465-14-2-984, improvements at Rindge Field . . .	856 37		
WPA Project, No. 465-14-2-984, improvements at Cambridge Field	9,390 10		
		34,749 73	101,981 07

PARK — GOLF COURSE

Personal Service:			
Permanent employees	\$3,876 00		
Temporary employees	7,338 12		
		\$11,214 12	
Service other than Personal:			
Cartage and freight	\$1 11		
Light and power	20 05		
Communication	48 10		
Motor vehicle, repairs and care . . .	28 58		
Service not otherwise coded	78 54		
		176 38	
Supplies:			
Office	\$87 58		
Laundry, cleaning	12 80		
Agricultural	409 15		
Motor vehicle, gasoline and oil	102 66		
Supplies not otherwise coded	188 99		
Motor vehicle, parts	49 75		
		850 93	12,241 43

FLETCHER SCHOOL SHOWER BATHS

Personal Service:			
Permanent employees		\$1,606 50	
Service other than Personal:			
Cartage and freight	\$ 10		
Laundering towels	135 63		
		135 73	
Supplies:			
Laundry, cleaning	\$24 43		
New towels	33 96		
		58 39	1,800 62

HAGGERTY SCHOOL SHOWER BATHS

Personal Service:			
Permanent employees		\$925 00	
Service other than Personal:			
Cartage and freight	\$ 10		
Laundering towels	31 18		
		31 28	
Amounts carried forward		\$956 28	\$6,882,780 05

Recreation — Continued

Amounts brought forward \$956 28 \$6,882,780 05

HAGGERTY SCHOOL SHOWER BATHS — Concluded**Supplies:**

Laundry, cleaning	\$24 43		
New towels	33 96		
		58 39	
			1,014 67

ROBERTS SCHOOL SHOWER BATHS**Personal Service:**

Permanent employees	\$694 50
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Service other than Personal:

Cartage and freight	\$ 10	
Laundering towels	84 53	
		84 63

Supplies:

Laundry, cleaning	\$24 43		
New towels	33 96		
		58 39	
			837 52

THORNDIKE SCHOOL SHOWER BATHS**Personal Service:**

Permanent employees	\$712 00
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Service other than Personal:

Cartage and freight	\$ 10	
Laundering towels	65 21	
		65 31

Supplies:

Laundry, cleaning	\$24 46		
New towels	33 97		
		58 43	
			835 74

PARK PLAYGROUNDS**Personal Service:**

Permanent employees	\$15,555 00	
Temporary employees	13,786 98	
		\$29,341 98

Service other than Personal:

Postage	\$30 00	
Rent	172 50	
Motor vehicle, repairs and care	50 10	
Service not otherwise coded	26 88	
		279 48

Supplies:

Office	\$91 67	
Medical	19 48	
Educational and recreational	1,262 99	
Motor vehicle, gasoline and oil	77 40	
Supplies not otherwise coded	73 68	
Motor vehicle, parts	57 96	
		1,583 18

Amounts carried forward \$31,204 64 \$6,885,467 98

Recreation — *Concluded*

Amounts brought forward..... \$31,204 64 \$6,885,467 98

PARK PLAYGROUNDS — *Concluded*

Special Items:

WPA Project, No. 65-1698, theatrical program.....	\$21 42	
WPA Program, No. 65-14-7070, recreation activities.....	391 77	
	<hr/>	413 19

31,617 83

UNCLASSIFIED

DAMAGES TO PERSONS AND PROPERTY

Executions of the Court:

Samuel Kalesky and Gerald L. Kalesky, Attorneys for Carlton J. Finkelstein.....	\$50 00
Bertram A. Sugarman, Attorney for Mary F. Blankenship.....	125 00
Haskell Golder, Attorney for George Squire.....	125 00
Louis L. Bobrick, Attorney for Catherine Julian.....	250 00
Leo J. Ganong, Attorney for John J. O'Neil.....	125 00
Foster E. Allison, Attorney for Clarence F. Woodman.....	821 48
Rubin E. Garber, Attorney for Basil Lovely.....	150 00
William Triant, Attorney for Bessie Lymperopoulos.....	150 00
Aram Brazilian, Attorney for Yervant S. Kebabjian.....	50 30
Harold Seidenberg, Attorney for Mildred Partenope.....	150 00
Frederick V. McMenimen, Attorney for Louis M. Melnick, next friend of Carol J. Melnick.....	133 00
Louis L. Green, Attorney for Evelyn Levine.....	350 00
Harry Olins, Attorney for Frances Leichtentritt.....	500 00
William E. Ginsburg, Attorney for Lillian M. Logue.....	200 00
George A. McLaughlin, Attorney for Annette G. Bradford.....	1,110 98
Frederick V. McMenimen, Attorney for George H. Kelley.....	200 00
Taylor & Foley, Attorneys for Margaret R. Coffey.....	1,500 00
James C. DiNunzio, Attorney for Maria Totino.....	1,517 38
James C. DiNunzio, Attorney for Helen Kennedy.....	100 00
James C. DiNunzio, Attorney for Vincent Scippa p.p.a.....	161 73

Amounts carried forward..... \$7,769 87

\$6,917,085 81

Unclassified — Continued

Amounts brought forward \$7,769 87 \$6,917,085 81

DAMAGES TO PERSONS AND PROPERTY — Continued

Flynn & Flynn, Attorneys for Ellen E. McGinnis	200 00	
Frederick V. McMenimen, Attorney for Joseph Colonna	750 00	
McDonnell & White, Attorneys for Ella Dexter, Admx. of the Estate of Howard Dexter	500 00	
Benjamin M. Rudman, Attorney for Gladys Schrieter	1,500 00	
Louis L. Bobrick, Attorney for Catherine A. Curran, as mother and next friend of James J. Curran	125 00	
A. John Serino, Attorney for Nina Mazzeo	100 00	
Margaret F. Lynch, Attorney for Marion D. Jones	400 00	
Mosier Goldberg, Attorney for Janett Barrett	200 00	
Paul L. Keenan, Attorney for Sarah Shukloian	100 00	
John J. Walsh, Jr., Attorney for Catherine Cahill	525 00	
Samuel M. Flaksman, Attorney for Joseph Havey, next friend of Irene Havey	160 00	
Louis L. Bobrick, Attorney for Gladys Frazier	250 00	
John J. Mahoney, Attorney for Gertrude A. Langley	300 00	
Joseph S. Rezendes and A. Raymond Boudreau, Attorneys for Emma Campbell	900 00	
J. John Fox, Attorney for Rose Rooney	450 00	
Marshall Andelman, Attorney for Haskell Golder	225 00	
Meyer F. Englander, Attorney for Samuel Clayton	200 00	
Harold C. Thompson, Attorney for Pasquale Demanto	75 00	
Robert J. Muldoon, Attorney for John Avery	100 00	
Louis N. Gordon, Attorney for Antonette Russo	175 00	
Joseph S. Rezendes, Attorney for Vincent De Carlo	135 00	
Louis L. Bobrick, Attorney for Israel J. Blumenthal	175 00	
Eleanor L. Daly, Attorney for Margaret Reardon	295 58	
James C. DiNunzio, Attorney for John Martino	250 00	
Leslie L. Landers, Attorney for Mary Corale	400 00	
Amounts carried forward	\$16,260 45	\$6,917,085 81

Unclassified — Continued

Amounts brought forward \$16,260 45 \$6,917,085 81

DAMAGES TO PERSONS AND PROPERTY — Continued

Maurice M. Isen, Attorney for Rose Reid	800 00
George L. Cohen, Attorney for Afrea Grant	75 00
Thomas H. Cassidy, Attorney for John McDonald	175 00
Thomas F. Sullivan, Attorney for Arthur S. Waldron	274 00
John J. Tobin, Attorney for Charles H. Treat	69 55
Louis Tobin, Attorney for Winifred Swyers	175 00
Harry Kisloff, Attorney for Mary V. Sullivan, Admx.	100 00
Robert C. Rounds, Attorney for Ethel L. Stratton	225 00
Louis L. Bobrick, Attorney for Emma Murphy	200 00
James C. DiNunzio, Attorney for Arnold Klein	150 00
George A. McLaughlin, Attorney for Mary McCarthy	750 00
Max Kabatznick, Attorney for Sarah Richman	50 00
Harry Olins, Attorney for Louise McDonald	175 00
Harry Olins, Attorney for Louise McDonald	100 00
Walter H. McLaughlin, Attorney for Albert A. Royan	375 00
John J. Walsh, Jr., Attorney for Mae Burke	200 00
Louis L. Bobrick, Attorney for Ruth Rothfarb	150 00
Louis L. Bobrick, Attorney for Mary Blake	200 00
Howe C. Amée, Attorney for Annie McGillivary	300 00
Benjamin Wollins, Attorney for Betty Grossack	75 00
Charles E. Dockser, Attorney for Edward Stewart	50 00
Frank P. Hurley, Attorney for Melville G. Clarke, Adm., injuries sustained by Margaret A. Clarke (deceased)	100 00
Irvin M. Davis, Attorney for John Luzaitis, next friend of Annie Luzaitis	200 00
Frederick V. McMenimen, Attorney for Laura Connolly	171 00
Frederick V. McMenimen, Attorney for Beatrice M. McDonald	50 00

Amounts carried forward \$21,450 00

\$6,917,085 81

Unclassified — Continued

Amounts brought forward \$21,450 00 \$6,917,085 81

DAMAGES TO PERSONS AND PROPERTY — Continued

Frederick V. McMenimen, Attorney for Adeline Keeler	250 00
Frederick V. McMenimen, Attorney for John Periello	178 00
Bernard Gould, Attorney for Kath- erine Keefe	450 00
Edward McPartlin, Attorney for Helen F. Epps	800 00
Philip J. Feinberg, Attorney for Grace Stone	200 00
Christopher J. Muldoon, Attorney for Joseph V. Murphy, next friend of Jeanne M. Murphy	300 00
John J. Walsh, Jr., Attorney for Jennie Ford	150 00
John J. Walsh, Jr., Attorney for Timothy C. Hurley	101 35
John J. Walsh, Jr., Attorney for Thomas A. Kelley	350 00
James T. Doherty & Leo P. Doherty, Attorneys for John F. McGloin	875 00
Morris R. Spelfogel, Attorney for Kaufman's Hardware Co.	2,900 00
Haskell C. Freeman, Attorney for Malinda A. Gateley	100 00
James E. Caulfield, Attorney for Lil- lian Ciolo	75 00
Philip Adam, Attorney for Virginia Kondazian	150 00
Joseph Finnegan, Attorney for Mary F. Robinson	75 00
Louis L. Bobrick, Attorney for Anthony D. Palhete	111 16
Levine & Block, Attorney for Georgia Georgekopulos	950 00
Benjamin Wollins, Attorney for Rita Peterson	100 00
Mosier B. Goldberg, Attorney for Martha C. Beach	75 00
Mosier B. Goldberg, Attorney for Margaret T. Nugent	325 00
Mosier B. Goldberg, Attorney for Letty A. Probert	200 00
Paul L. Keenen, Attorney for Helen Hickey	1,400 00
Anthony E. DiCecca, Attorney for Gilbert Brenner	2,500 00
Bernard Kaplan, Attorney for Jean Nathan	125 00
Arthur Donahue, Attorney for Viola Bradley	175 00
Robert A. Shea, Attorney for Gladys D. Farrington	250 00

Amounts carried forward	\$34,615 51	\$6,917,085 81
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Unclassified — Continued

Amounts brought forward \$34,615 51 \$6,917,085 81

DAMAGES TO PERSONS AND PROPERTY — Continued

Louis L. Bobrick, Attorney for Robert G. Farrell	450 00	
Arthur V. Harper, Attorney for Emma Kothe	400 00	
Jacob Finks, Attorney for Samuel T. Mello	35 00	
James J. Morris, Attorney for Catherine C. Sullivan	1,500 00	
Harry Olins, Attorney for Charlotte Kindler	125 00	
A. J. & J. A. Daly, Attorneys for Lena Lerner	100 00	
Philip Mondello, Attorney for Frank Benfante	246 73	
	<hr/>	\$37,472 24

Awards for alleged injuries and damages due to defect in the highways:

Leona MacArthur	\$25 00		
Mary O'Connor	66 50		
Gladys Cox	60 00		
Isabel F. Kidder	35 00		
Mary McGinnis	100 00		
Effie Trafton	116 00		
Cornelius Sullivan	75 00		
Mrs. Ida Tucker	25 90		
James F. Burns	125 00		
Mrs. Nellie Mahoney	25 00		
Dorothy Foley	175 00		
Gladys L. Nelson	18 50		
Mrs. Marion Ross	25 00		
Harold A. Strout	10 88		
Matthew Turnbull	10 00		
Josephine Nochelle	50 00		
John R. McKenzie	19 51		
Agnes O'Brien	75 00		
Margaret Connors	75 00		
William P. Driscoll	500 00		
Sadie Hutchinson	200 00		
Emma Black	100 00		
Raffaella Desimone	15 65		
Irene C. Kinney	14 75		
Francis J. McNiff	26 88		
Joseph Murphy	11 50		
Samuel Clayman	27 25		
George F. Murray	4 75		
Daniel F. Driscoll	46 00		
Eugene A. Hamilton	12 50		
Elinor Foresman	5 00		
Thomas M. Maynard	83 50		
William J. Campbell	73 41		
Leon E. Farwell	34 00		
Daniel J. Maher	4 69		
William J. Griffiths	17 00		
Amounts carried forward	<hr/>	<hr/>	<hr/>
	\$2,289 17	\$37,472 24	\$6,917,085 81

Unclassified — Continued

Amounts brought forward..... \$2,289 17 \$37,472 24 \$6,917,085 81

DAMAGES TO PERSONS AND PROPERTY — Concluded

Charles Mahoney.....	35 00	
Samuel Mazza.....	48 00	
John J. Wright.....	12 25	
George Wessels.....	62 35	
Anna G. Daly.....	55 00	
Catherine M. McNamara.....	35 00	
Ida M. Foley.....	100 00	
Barnet Balin.....	21 00	
Edith G. Cross.....	25 00	
Ashley L. Wright.....	35 00	
	<hr/>	2,717 77

Miscellaneous Claims:

Mrs. Ada Bradbury.....	\$125 00	
Mrs. Anna Antionties.....	25 00	
Patrick Murphy, city employee, reimbursement.....	92 75	
Patrick Murphy, city employee, reimbursement.....	157 25	
Robert F. Kelley, city employee, reimbursement.....	210 00	
Patrick Sullivan, city employee, reim- bursement.....	125 00	
Lawrence F. O'Rourke, city employee, reimbursement.....	530 43	
Richard P. Gallagher, city employee, reimbursement.....	467 00	
Richard P. Gallagher, city employee, reimbursement.....	201 58	
Richard P. Gallagher, city employee, reimbursement.....	175 00	
Joseph A. McCollough, city employee, reimbursement.....	12 50	
Harold F. Magee, city employee, reimbursement.....	7 00	
Robert J. Douglas, Jr., city employee, reimbursement.....	100 00	
Dennis W. O'Brien, city employee, reimbursement.....	12 50	
John J. Sullivan, city employee, reim- bursement.....	12 00	
Joseph F. Walsh, city employee, reim- bursement.....	25 00	
	<hr/>	2,278 01
		<hr/> 42,468 02

TELEPHONE EXCHANGE

Personal Service:

Permanent employees.....	\$1,892 40	
Temporary employees.....	140 40	
	<hr/>	\$2,032 80

Service other than Personal:

Communication.....		3,633 69
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Amounts carried forward.....		<hr/> \$5,666 49 \$6,959,553 83
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Unclassified — Continued

Amounts brought forward \$5,666 49 \$6,959,553 83

TELEPHONE EXCHANGE — Concluded

Supplies:
Office 1 00
5,667 49

BOARD OF APPEAL

Personal Service:
Permanent employees \$950 00
Service other than Personal:
Postage \$95 00
Advertising and posting 229 50
324 50
Supplies:
Office 24 66
1,299 16

EMPLOYMENT

Personal Service:
Permanent employees \$3,590 00
Service other than Personal:
Postage 10 00
Supplies:
Office 31 10
3,631 10

RETIREMENT

Personal Service:
Permanent employees \$1,752 00
Service other than Personal:
Printing and binding \$78 00
Rent 30 00
Premium on surety bond 172 40
Expert (actuary) 500 00
780 40
Supplies:
Office 30 40
2,562 80

RETIREMENT SYSTEM

City's contribution to pension accumulation fund 34,826 30

PURCHASING

Personal Service:
Permanent employees \$6,186 35
Temporary employees 1,895 00
\$8,081 35
Service other than Personal:
Postage \$265 00
Advertising and posting 30 00
Rent 47 92
Premium on surety bond 50 00
Communication 229 75
Service not otherwise coded 3 95
626 62
Amounts carried forward \$8,707 97 \$7,007,540 68

Unclassified — Continued

Amounts brought forward \$8,707 97 \$7,007,540 68

PURCHASING — Concluded

Equipment:			
Furniture and furnishings	\$45 00		
Office	155 10		
		<hr/>	
			200 10
Supplies:			
Office	\$401 70		
Ice	50		
Supplies not otherwise coded	1 65		
		<hr/>	
			403 85
			<hr/>
			9,311 92

CAMBRIDGE HOUSING AUTHORITY

Service other than Personal:			
Printing and binding	\$35 00		
Expert	500 00		
Travel outside of state	479 04		
		<hr/>	
			\$1,014 04
Supplies:			
Office			97 92
		<hr/>	
			1,111 96

PLANNING BOARD

Service other than Personal:		
Advertising and posting		3 00

CONVENTIONS

The Federation of State, City and Town Employees . . .	\$394 50	
Order of Vasa	100 00	
	<hr/>	
		494 50

ASSESSMENT FEDERAL SURPLUS COMMODITIES DIVISION

Payments to Treasurer, U. S. A.	1,840 20
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ASSESSMENT FOR NON-LABOR COST OF THE FEDERAL
MUSIC PROJECT

Payments to Treasurer, U. S. A.	1,062 00
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REWARD — HARRIS CASE

Reward paid for information leading to capture of murderer of Harris boy	500 00
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POST 30, G. A. R. HEADQUARTERS

For rent of headquarters	\$336 00	
For lighting of headquarters	12 61	
	<hr/>	
		348 61

Amount carried forward	\$7,022,212 87
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Unclassified — *Concluded*

Amount brought forward \$7,022,212 87

POST 299, RUSSELL E. HOYT HEADQUARTERS

For rent of headquarters 900 00

JEWISH WAR VETERANS HEADQUARTERS

For rent of headquarters 900 00

MILITIA, USE OF RIFLE RANGE

Use of rifle range at Wakefield 3,311 71

PUBLIC CELEBRATIONS

Patriots' Day \$170 25

Labor Day 148 35

318 60

MEMORIAL DAY

G. A. R. Charles Beck Post \$765 25

Veterans of Foreign Wars 624 80

Jewish War Veterans 75 00

American Legion 1,330 54

Spanish War Veterans 350 33

3,145 92

CAMBRIDGE FIRE DEPARTMENT MEMORIAL DAY

Paid to City Fire Fighters' Union Local No. 30 350 00

CAMBRIDGE POLICE DEPARTMENT MEMORIAL DAY

Paid to sundry persons 189 10

ANNUAL DOCUMENTS

Printing of annual documents for the year ending December 31, 1937. 1,850 65

CEMETERIES

CEMETERY

Personal Service:

Permanent employees \$41,397 06

Temporary employees 14,007 50

\$55,404 56

Service other than Personal:

Postage \$30 00

Light and power 81 40

Premium on surety bond 22 50

Communication 141 40

Motor vehicle, repairs and care 60 50

Medical 98 85

Amounts carried forward \$434 65 \$55,404 56 \$7,033,178 85

Cemeteries — *Concluded*

Amounts brought forward..... \$434 65 \$55,404 56 \$7,033,178 85

CEMETERY — *Concluded*

Fees.....	6 00	
Service not otherwise coded.....	4 00	
	<hr/>	444 65

Equipment:

Motor vehicle.....	\$1,335 53	
Tools and instruments.....	238 66	
Equipment not otherwise coded....	75 00	
	<hr/>	1,649 19

Supplies:

Office.....	\$72 97	
Ice.....	14 67	
Fuel.....	248 18	
Agricultural.....	759 56	
Motor vehicle, gasoline and oil.....	750 55	
Supplies not otherwise coded.....	283 29	
Motor vehicle, parts.....	146 33	
	<hr/>	2,275 55

Materials:

Building.....	\$5 45	
Materials not otherwise coded.....	228 98	
	<hr/>	234 43

Special Items:

WPA Project, No. 465-14-3-608; supplies, burial records at Ceme- tery.....	\$165 40	
WPA Project, No. 665-14-2-137; repairing iron fence and painting wooden fence.....	545 20	
Repairing hurricane damage.....	2,958 52	
Workingmen's compensation.....	424 28	
Filling and loam for preparing new land.....	2,145 50	
WPA Project, No. 165-14-2745; survey at Cemetery.....	3 60	
	<hr/>	6,242 50

66,250 88

DEBT SERVICE

INTEREST

On Anticipation of Revenue Loans.....	\$9,758 41	
Sewer construction loans.....	\$54,516 88	
Street construction loans.....	48,951 25	
Bridge construction loans.....	68,351 25	
Building construction loans.....	27,060 00	
Hospital construction loans.....	10,905 00	
School construction loans.....	50,630 00	
Park construction loans.....	26,335 00	
Land for playgrounds loans.....	4,681 25	
Municipal relief loans.....	12,487 50	
White Charity Fund note.....	300 00	

Amounts carried forward..... \$304,218 13 \$9,758 41 \$7,099,429 73

Debt Service — *Continued*

Amounts brought forward \$304,218 13 \$9,758 41 \$7,099,429 73

INTEREST — *Concluded*

Dowse Institute Fund contract	600 00		
Sanders Temperance Fund	600 00		
		<u>305,418 13</u>	315,176 54

SERIAL LOANS

Sewer construction	\$68,500 00	
Street construction	653,000 00	
Bridge construction	39,500 00	
Building construction	64,500 00	
Hospital construction	42,500 00	
School construction	153,000 00	
Park construction	3,000 00	
Land for playgrounds	2,500 00	
Municipal relief	185,000 00	
		<u>1,211,500 00</u>

FUNDED LOANS

Sewer construction	\$42,000 00	
Park construction	150,000 00	
		<u>192,000 00</u>
		8,818,106 27

TEMPORARY REVENUE LOANS

In anticipation of revenue 5,900,000 00

PREMIUM ACCOUNT

Preparation and certification of bonds, general loans 6,000 00

COUNTY, STATE AND METROPOLITAN DISTRICT TAXES

County tax	\$281,793 96	
State tax	\$472,600 00	
Abatement of smoke nuisance tax	1,853 54	
Boston Elevated Railway deficit tax	143,043 89	
Boston Elevated Railway rentals deficit tax	9,318 49	
Care of Civil War Veterans tax	296 25	
Charles River Basin tax	17,917 68	
Charles River Basin bridge tax	26,984 67	
Metropolitan Planning tax	1,042 65	
Metropolitan Parks tax	94,088 93	
Metropolitan Sewers tax	105,763 98	
Metropolitan District tax	402 78	
Wellington Bridge tax	153 37	
West Roxbury — Brookline Parkway tax	1 32	
Veterans' Exemption tax	637 81	
		<u>874,105 36</u>
		1,155,899 32
<i>Amount carried forward</i>		\$15,880,005 59

Debt Service — Concluded

Amount brought forward..... \$15,880,005 59

INCOME TRUST FUNDS

Sanders Temperance Fund..... \$600 00
 Bridge Charitable Fund..... 134 10

Library Funds:

William Penn Harding..... \$39 60
 Citizens' Subscription..... 226 16
 Cummings..... 191 59
 Fay..... 42 90
 William Saunders..... 3,074 27
 James A. Woolson..... 50 85
 Citizen of Cambridge..... 864 90
 Whorf..... 934 49
 Howe..... 105 79
 Murdock..... 134 24

5,664 79

School Funds:

Webster Thierry..... \$6 08
 Georgia Hardy..... 6 75

12 83

6,411 72

SMITH-HUGHES FUND

School

Sundry payments..... 2,031 18

HOPKINS FUND

School

Sundry payments..... 856 96

GEORGE DEEN FUND

School

Sundry payments..... 568 18

BULLOCK FUND

Health — Dental

Sundry payments..... 571 48

REFUNDS

PROPERTY TAXES — REAL AND PERSONAL

Levy 1935..... \$754 40
 Levy 1936..... 3,437 46
 Levy 1937..... 9,840 53
 Levy 1938..... 6,468 60

20,500 99

POLL TAXES

Levy 1936..... \$4 00
 Levy 1937..... 26 00

30 00

Amount carried forward..... \$15,910,976 10

Refunds — *Concluded*

Amount brought forward..... \$15,910,976 10

MOTOR VEHICLE EXCISE TAXES

Levy 1937.....	\$1,221 17	
Levy 1938.....	2,237 65	
	<hr/>	3,458 82

DEPARTMENTAL RECEIPTS

Building permits.....	\$5 00	
Park.....	7 00	
License Commission.....	13 50	
Street.....	48 71	
Hospital.....	21	
	<hr/>	74 42

MISCELLANEOUS

Interest on taxes.....	\$850 21	
Costs on taxes.....	25 00	
	<hr/>	875 21

DEPARTMENTAL APPROPRIATIONS

Executive.....	\$13 12	
Clerk Committees.....	4 00	
Election Commission.....	7 50	
Law.....	1,583 75	
Treasury.....	1 47	
Police.....	1,104 10	
Fire.....	63 21	
Electrical.....	79 68	
Forestry.....	5 40	
Health.....	93 50	
Street.....	4,631 13	
Welfare.....	14,265 71	
Soldiers' Benefits.....	1,788 00	
Municipal Pensions.....	317 09	
School.....	21 70	
Library.....	14 30	
Park.....	66 75	
Telephone Exchange.....	300 00	
Damages — persons and property.....	100 00	
	<hr/>	24,460 41
<i>Total Payments "Maintenance and Operation"</i>		10,039,844 96
<i>Total Payments "Borrowings in Anticipation of Receipts"</i>		5,900,000 00

TEMPORARY ACCOUNTS

TRUST AND INVESTMENT FUNDS

Payments to Treasurer:		
Cemetery perpetual care deposits.....	\$4,425 50	
Retirement system (1931) pay roll deductions....	31,881 59	
Bequest under will of Carrie H. Saunders for		
Library.....	1,000 00	
	<hr/>	37,307 09
<i>Amount carried forward</i>		\$15,977,152 05

Temporary Accounts — Continued

Amount brought forward..... \$15,977,152 05

GUARANTEE DEPOSITS

Contract Bids:

Refunded to Depositors:

Executive.....	\$100 00	
Election Commission.....	700 00	
Auditing.....	200 00	
Building.....	325,150 00	
Police.....	1,200 00	
Fire.....	1,100 00	
Electrical.....	500 00	
Sealer.....	400 00	
Sewer.....	1,700 00	
Street.....	8,600 00	
Soldiers' Benefits.....	200 00	
School.....	2,600 00	
Hospital.....	1,300 00	
Park.....	900 00	
Purchasing.....	7,500 00	
Water.....	8,900 00	
	<hr/>	361,050 00

Street Openings:

Payments to city for completed work.....	\$431 70	
Refunded to depositors.....	138 30	
	<hr/>	570 00

Driveways:

Payments to city for completed work.....	\$1,199 66	
Refunded to depositors.....	800 34	
	<hr/>	2,000 00

Sidewalks:

Payments to city for completed work.....		8,522 63
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Health:

Payments to State.....		50 00
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Park:

Payments to city for completed work.....	\$159 75	
Refunded to depositors.....	5 25	
	<hr/>	165 00

Tax Title Bids:

Refunded to depositors.....		1,700 00
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Option to Lease City Land:

Forfeited deposit paid to city.....		1,001 00
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Plans:

Refunded to depositors.....		9,411 63
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Licenses:

Payments for advertising.....	\$1,230 00	
Refunded to depositors.....	81 00	
To city for licenses issued.....	135,872 35	
	<hr/>	137,183 35

Amount carried forward..... \$16,498,805 66

Temporary Accounts — *Concluded*

Amount brought forward \$16,498,805 66

AGENCY

City Clerk:

Dog licenses paid to county \$3,170 00
Hunting and fishing licenses paid to State 2,018 75

5,188 75

Tax Titles held by Individuals:

Payments to sundry persons, redemptions 4,084 53

Constables' Fees:

Payments to sundry persons 540 26

Taxes paid in advance:

Payment to city 2 00

Cambridge Retirement System, Act of 1931:

Refunded to members withdrawing 3,888 84

In Lieu of Surety Bonds:

Refunded to depositors 500 00

City of Boston Retirement System:

Payments of pay roll deductions, account of employees of
Boston and Cambridge Bridge Commission 63 60

Massachusetts Teachers' Retirement System:

Payments of pay roll deductions 62,411 31

Bounties on Seals:

Payments to sundry persons 5 50

Total Payments "Temporary Accounts" 635,645 49

MUNICIPAL ENTERPRISE

WATER
GENERAL MAINTENANCE

Personal Service:

Permanent employees \$141,774 36
Temporary employees 2,983 75
\$144,758 11

Service other than Personal:

Printing and binding \$73 00
Postage 827 19
Advertising and posting 27 00
Transportation of persons 200 00
Cartage and freight 15 71
Hire of auto trucks 100 00
Light and power 230 37
Lighting streets 36 90
Rent 3,497 34

Amounts carried forward \$5,007 51 \$144,758 11 \$16,575,490 45

Municipal Enterprise — Continued

Amounts brought forward \$5,007 51 \$144,758 11 \$16,575,490 45

WATER — GENERAL MAINTENANCE — Concluded

Premium on surety bond	30 00	
Communication	553 36	
Motor vehicle, repairs and care	56 65	
Medical	154 50	
Fees	28 00	
Photographing and blueprinting	1 09	
Service not otherwise coded	228 96	
Travel outside of state	150 00	
	<hr/>	6,210 07

Equipment:

Office	\$14 75	
Tools and instruments	328 95	
Equipment not otherwise coded	336 89	
	<hr/>	680 59

Supplies:

Office	\$910 84	
Ice	8 00	
Fuel	250 00	
Medical	4 92	
Laundry, cleaning	28 25	
Motor vehicle, gasoline and oil	1,643 78	
Chemicals and disinfectants	116 78	
Supplies not otherwise coded	622 80	
Motor vehicle, parts	951 30	
	<hr/>	4,536 67

Materials:

Water	\$18,812 01	
Materials not otherwise coded	619 57	
	<hr/>	19,431 58

Special Items:

New meters and installation	\$2,426 00	
WPA Project, No. 665-14-3-314; completion of pitometer survey of water distribution system	4,882 50	
Repairing storm damage	2,224 63	
Pensions	18,226 20	
Repairing pavements	1,332 03	
Amount due from Water Depart- ment to Pension Accumulation Fund of the Cambridge Retire- ment System	2,843 53	
Inspection	254 00	
	<hr/>	32,188 89

207,805 91

PUMPING**Personal Service:**

Permanent employees	\$29,899 56	
Temporary employees	537 04	
Unloading coal	420 00	
	<hr/>	\$30,856 60

Amounts carried forward \$30,856 60 \$16,783,296 36

Municipal Enterprise — Continued

Amounts brought forward \$30,856 60 \$16,783,296 36

PUMPING — Concluded

Service other than Personal:			
Cartage and freight	\$1 57		
Light and power	576 93		
Communication	58 96		
Medical	10 00		
Service not otherwise coded	391 56		
		1,039 02	
Equipment:			
Tools and instruments	\$52 76		
Equipment not otherwise coded	103 15		
		155 91	
Supplies:			
Ice	\$58 32		
Fuel	19,674 71		
Laundry	31 80		
Chemicals and disinfectants	43 40		
Supplies not otherwise coded	3,190 41		
		22,998 64	
Materials:			
Materials not otherwise coded		334 11	
			55,384 28

RESERVOIRS

Personal Service:			
Permanent employees	\$35,909 50		
Temporary employees	3,597 50		
		\$39,507 00	
Service other than Personal:			
Advertising and posting	\$8 00		
Transportation of persons	125 00		
Cartage and freight	29		
Hire of auto trucks	150 00		
Light and power	22 36		
Rentals	47 56		
Communication	162 52		
Cleaning	1,518 67		
Fees	4 00		
Service not otherwise coded	22 25		
		2,060 65	
Equipment:			
Tools and instruments	\$72 00		
Equipment not otherwise coded	177 01		
		249 01	
Supplies:			
Fuel	\$58 50		
Motor vehicle, gas and oil	232 50		
Supplies not otherwise coded	121 65		
Motor vehicle, parts	85 26		
		497 91	
Materials:			
Materials not otherwise coded		496 04	
Amounts carried forward		\$42,810 61	\$16,838,680 64

Municipal Enterprise — Concluded

Amounts brought forward \$42,810 61 \$16,838,680 64

RESERVOIRS — Concluded

Special Items:

WPA Project, No. 465-14-2-31, cesspools at Hobbs Brook	\$679 26	
WPA Project, No. 65-14-130; transportation and tools on Hobbs Brook	2,675 92	
Police protection Fresh Pond	968 10	
Workingmen's compensation	69 43	
	<hr/>	4,392 71
		<hr/> 47,203 32

FILTRATION

Personal Service:

Permanent employees	\$23,567 21
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Service other than Personal:

Cartage and freight	\$1 99
Light and power	6,573 19
Communication	71 11
Medical	33 85
Service not otherwise coded	37 40
	<hr/> 6,717 54

Equipment:

Tools and instruments	\$15 05
Equipment not otherwise coded	90 65
	<hr/> 105 70

Supplies:

Office	\$11 80
Fuel	1,464 25
Medical	114 66
Laundry, cleaning	12 51
Chemicals and disinfectants	17,370 95
Marine	178 50
Supplies not otherwise coded	505 67
	<hr/> 19,658 34

Materials:

Materials not otherwise coded	38 92	
	<hr/>	50,087 71

REFUNDS

Metered Rates	\$365 65
Annual Rates	40 00
Miscellaneous charges	1 00
	<hr/> 406 65

Appropriations:

General maintenance	23 09
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DEBT AND INTEREST

Funded loans	\$17,000 00
Serial loans	58,500 00
	<hr/> \$75,500 00
Interest	29,442 50
	<hr/> 104,942 50
Total Payments "Municipal Enterprise"	\$465,853 46
Amount carried forward	<hr/> \$17,041,343 91

OUTLAYS
DEPARTMENTAL EQUIPMENT

Amount brought forward.....\$17,041,343 91

	Salaries	Cable and Conduits	Boxes and Frames	Other Materials and Supplies	Sedans	Dump Trucks	Road Rollers	Garbage Trucks	Totals
Electrical Department —									
Underground.....	\$1,715 00	\$1,614 24	\$635 63	\$452 96					\$4,417 83
Street Department.....	.....	.....	.....	.....	\$1,107 50	\$7,368 92	\$8,550 00	\$25,908 70	42,935 12
Totals.....	\$1,715 00	\$1,614 24	\$635 63	\$452 96	\$1,107 50	\$7,368 92	\$8,550 00	\$25,908 70	\$47,352 95

47,352 95

BUILDING CONSTRUCTION

	Salaries Clerk Works	Architect	Land Taking	Con-struction	Inspection	Blue-prints	Borings	Later-tising Postage Surveys	Equip-ment	Total
Fire Headquarters.....	\$590 00	\$2,561 62	.....	.....	.....	.....	.....	.....	\$130 00	\$130 00
Lafayette Square Fire Station..	.....	1,000 00	.....	\$31,251 78	.....	.....	.....	\$11 00	.....	34,414 40
Fresh Pond Recreation Bldg....	.....	2,777 74	\$5,002 00	4,903 10	\$59 50	\$238 28	\$75 00	136 34	.....	1,000 00
Library Building, PWA.....	500 00	8,761 00	.....	.....	.....	253 30	.....	46 00	.....	13,691 96
Webster School, PWA.....	420 00	8,040 00	.....	.....	.....	.....	149 92	92 50	.....	9,480 30
High and Latin School, PWA...	510 00	8,569 92	.....	2,542 50	22 50	247 89	66 15	103 50	.....	8,792 42
Municipal Hospital, PWA.....	575 00	.....	.....	.....	61 45	.....	237 57	156 25	.....	12,127 46
Incinerator, PWA.....	443 33	4,459 50	.....	23,176 80	186 00	.....	.....	80 10	.....	898 60
Municipal Garage, PWA.....	550 00	11,816 40	.....	.....	171 55	187 64	.....	269 55	.....	28,452 40
Tuberculosis Hospital, PWA...	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,445 14
Totals.....	\$3,588 33	\$47,986 18	\$5,002 00	\$61,874 18	\$501 00	\$927 11	\$528 64	\$895 24	\$130 00	\$121,432 68

121,432 68

SEWER CONSTRUCTION

	Salaries	Truck and Equipment Hire	Pipe	Brick and Cement	Lumber	Gasoline and Oil	Other Materials and Supplies	Total
Sundry streets.....	\$110,790 43	\$9,827 32	\$26,547 24	\$4,658 45	\$4,223 64	\$3,236 89	\$7,005 98	\$166,289 95

166,289 95

STREET CONSTRUCTION

	Salaries	Truck and Equipment Hire	Road Materials and Supplies	Totals
Aberdeen Avenue.....	.....	.....	\$285 00	\$285 00
Allston Street.....	\$11,472 62	\$627 00	80 60	12,180 22
Alpine Street.....	.....	663 00	.....	663 00
Amherst Street.....	8,531 08	1,009 68	4,078 25	13,619 01
Amory Street.....	2,823 17	65 00	922 99	3,811 16
Appleton Street.....	13,985 27	1,549 50	9,988 20	25,522 97
Austin Street.....	10,688 75	974 80	2,754 10	14,417 65
Binney Street.....	6,734 77	1,114 00	933 62	8,782 39
Blanchard Road.....	225 57	.....	35 82	261 39
Bolton Street.....	1,086 89	18 00	875 58	1,980 47
Bow Street.....	.....	.....	12 07	12 07
Bristol Street.....	1,402 17	60 00	71 78	1,533 95
Carlton Street.....	13,112 00	1,247 08	2,942 19	17,301 27
City Hall Avenue.....	.....	.....	7 24	7 24
Clarendon Street.....	.....	56 25	.....	56 25
Columbia Street.....	.....	16 50	.....	16 50
Concord Avenue.....	51,383 59	2,444 77	18,597 85	72,426 21
Cottage Street.....	.....	.....	21 60	21 60
Creighton Street.....	1,345 01	96 00	.....	1,441 01
Dale Street.....	952 99	542 90	968 53	2,464 42
Deacon Street.....	667 19	.....	136 50	803 69
Decatur Street.....	7,077 75	132 00	.....	7,209 75
Eaton Street.....	.....	.....	66 70	66 70
Edgestones and Sidewalks.....	62,361 93	10,015 10	32,861 92	105,238 95
Fern Street.....	1,017 68	.....	362 44	1,380 12
Foster Street.....	1,312 81	.....	517 88	1,830 69
Franklin Street.....	34,471 48	2,375 50	7,210 44	44,057 42
Frost Street.....	.....	.....	212 62	212 62
Green Street.....	.....	.....	106 37	106 37
Griswold Street.....	.....	.....	347 44	347 44
Hancock Street.....	.....	.....	23 20	23 20
Harvard Street.....	.....	177 00	.....	177 00
Hastings Square.....	562 52	.....	.....	562 52
	Amounts carried forward.....	.....	.....	\$338,820 25
				\$17,376,419 49

STREET CONSTRUCTION.—Continued

\$17,376,419 49

\$338,820 25

Amounts brought forward.....

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CITY OF CAMBRIDGE

	Salaries	Truck and Equipment Hire	Road Materials and Supplies	Totals
Hayward Street.....	\$3,774 68	\$333 01	\$360 94	4,468 63
Healey Street.....	7,614 23	616 40	2,414 05	10,644 68
Hilliard Street.....	4,516 53	129 00	1,385 18	6,030 71
Holmes Street.....	.....	.....	20 45	20 45
Hurley Street.....	26,581 47	3,033 16	3,039 01	32,653 64
Huron Avenue.....	.....	1,167 60	194 78	1,362 38
Lawn Court.....	.....	.....	195 04	195 04
Lee Street.....	.....	.....	1,076 23	1,076 23
Lincoln Street.....	7,554 27	765 00	405 81	8,725 08
Locust Street.....	.....	.....	85 97	85 97
Main Street.....	.....	855 50	.....	855 50
Market Street.....	1,342 18	21 00	577 63	1,940 81
Massachusetts Avenue.....	5,881 61	96 00	1,195 31	7,172 92
May Street.....	745 00	30 00	169 47	944 47
Mount Auburn Street.....	56,687 09	8,642 10	18,320 73	83,649 92
Murdock Street.....	.....	.....	115 85	115 85
Newell Street.....	.....	.....	197 82	197 82
Norfolk Street.....	16,170 01	2,486 70	8,501 72	27,158 43
Osborn Street.....	3,664 04	789 00	418 84	4,871 88
Prospect Street.....	.....	315 65	.....	315 65
Putnam Avenue.....	537 42	16 25	686 27	1,239 94
Regent Street.....	1,770 55	96 00	.....	1,866 55
Rindge Avenue.....	.....	.....	1,957 30	1,957 30
Rogers Street.....	.....	.....	1,250 02	1,250 02
Saint Gerard Terrace.....	.....	.....	17 91	17 91
School Street.....	6,986 82	220 50	2,442 77	9,650 09
Second Street.....	11,151 91	1,341 02	1,200 42	13,693 35
Soden Street.....	12,098 53	453 80	394 03	12,946 36
State Street.....	1,936 84	.....	52 73	1,989 57
Story Street.....	3,490 75	135 00	1,022 89	4,648 64
Thingvalla Avenue.....	.....	153 40	.....	153 40
Tremont Street.....	.....	188 80	.....	188 80
Upton Street.....	151 75	.....	311 40	463 15
Valentine Street.....	5,194 47	579 00	80 40	5,853 87
Ware Street.....	5,272 99	594 75	3,182 46	9,050 20
Wilbur Street.....	8,104 51	701 40	.....	8,805 91
Windsor Street.....	.....	.....	589 89	589 89
	\$422,442 89	\$46,944 12	\$136,284 25	\$605,671 26

605,671 26

WATER CONSTRUCTION

	Pipe	Sundry Materials and Supplies	Hydrants	Contractor	Totals
Rindge Avenue Extension — 6" mains, WPA.....	\$3,212 73	\$1,293 68	.....	.....	\$4,506 41
Memorial Drive, Ames Street to Wadsworth Street — 8" and 16" mains, WPA.....	1,454 22	66 15	\$206 97	.....	1,727 34
Memorial Drive, Mass. Avenue to Amesbury Street — 10" main and hydrants, WPA.....	5,569 07	868 33	275 96	.....	6,713 36
Fresh Pond Reservation — 40" main, contract.....	.....	21 04	.....	\$19,976 65	19,997 69
Totals.....	\$10,236 02	\$2,249 20	\$482 93	\$19,976 65	\$32,944 80

REFUNDS

Sewer Construction	\$47 20
Street Construction.....	407 57
Building Construction	18,282 40
Total "Outlays"	18,737 17
	992,428 81
Total expenditures.....	\$18,033,772 72
Cash balance December 31, 1938.....	2,546,983 85
Grand total.....	\$20,580,756 57

TRUST FUNDS

WEBSTER THIERRY HISTORY PRIZE FUND

A donation in the amount of \$300 by Mrs. Louis J. Thierry in memory of her son, Webster Thierry, who died while a student in Latin School. The income to be expended annually to purchase a book or books for presentation as a prize to the pupil adjudged by the headmaster of the Cambridge High and Latin School to have done the best work in the most advanced course in American History and Government which is given in said school during the current year. Said prize is to be denominated the Webster Thierry prize and each volume constituting said prize is to contain a bookplate so designating.

JOHN WESLEY FREESE FUND

This is a fund in the amount of \$89.36 bequeathed by the late John Wesley Freese in November, 1914. The fund is to accumulate for twenty years, after which time a sum not in excess of three-fourths of the annual income is to be expended for books or works of art for the Houghton School.

SARAH E. RUSSELL FUND

A bequest to the City of Cambridge, under the will of Sarah E. Russell, in the amount of \$814.41, the income to be expended annually in, or towards, providing a Christmas tree or Christmas gifts and entertainments for the inmates of the City Infirmary. Mrs. Russell was the widow of Hon. Charles Theodore Russell, the mother of Hon. William Eustis Russell, and the grandmother of Hon. Richard Manning Russell, all of whom served the city as Mayor.

BRIDGE CHARITABLE FUND

Founded by the late Levi Bridge of Cambridge, in his lifetime, by a deed of trust dated August 12, 1875, and upon his death, April 15, 1876, the fund came under the control of the City. In October, 1877, Samuel F. Bridge, a relative of the founder, donated a sum sufficient to double the original fund. One-third of the annual income is added to the principal, the remainder expended by the Board of Public Welfare.

REVEREND PATRICK H. CALLANAN FUND

A gift in the amount of \$2,000 by Reverend Patrick H. Callanan, pastor of St. Peter's Roman Catholic Church, the principal to be invested and the income to be expended annually for a "feast day" on December 18 for the inmates of the City Infirmary.

EDWARD L. KINGMAN SCHOLARSHIP FUND

A bequest in the amount of \$1,700 under the will of Alice M. Kingman, "the income to be paid annually to the student who graduated from the Cambridge High School or the Cambridge Latin School with the highest grade, during his first year in college. If the pupil who graduated with the highest grade does not go to college, the income shall be paid to the pupil with the highest grade who does go to college. This fund shall be known as the Edward L. Kingman Scholarship."

CITIZENS' SUBSCRIPTION FUND — LIBRARY

In 1899 a committee of citizens raised, by subscription, a fund for the purchase of books at the time the new Public Library building was opened. The unexpended balance, \$5,500, was invested and the income is used for the same purpose.

CUMMINGS FUND — LIBRARY

A bequest under the will of Daniel P. Cummings, who died May 3, 1889, in the amount of \$2,000, the income to be expended for non-sectarian books for the Public Library.

FAY FUND — LIBRARY

A bequest under the will of Isaac Fay, who died December 20, 1872, in the amount of \$1,000 to the Dana Library, now the Cambridge Public Library, the income to be expended for books for said library.

Trust Funds — *Concluded***WILLIAM SAUNDERS FUND — LIBRARY**

Bequest under the will of Abigail L. Prentiss: the residuary estate, after the termination of certain annuities, was paid to the city in trust to be invested, the income to be expended for the purchase and care of books to be placed in the William E. Saunders Alcove, in the Public Library.

JAMES A. WOOLSON FUND — LIBRARY

Bequest under the will of James A. Woolson in the amount of \$5,000, the income to be expended for the purchase of books, an appropriate bookplate to be placed in each book

WILLIAM PENN HARDING FUND — LIBRARY

A bequest to the City of Cambridge under the will of William Penn Harding in the amount of \$1,000, the income to be expended by the Trustees of the Public Library for the purchase of recent books on science, art or travel of a popular and instructive character. To be designated the William Penn Harding Fund, which designation shall be printed in all the books so purchased.

CARRIE H. SAUNDERS FUND — LIBRARY

A bequest under the will of Carrie H. Saunders in the amount of \$1,000 to be invested and the income to be expended for works on art. The fund to be known as the Carrie H. Saunders Fund.

CITIZEN OF CAMBRIDGE FUND — LIBRARY

Principal of fund, \$7,400. Donated by a citizen of Cambridge, \$3,000 in 1923, \$2,000 in 1924 and \$2,400 in 1926. The income on \$1,000 to be expended for the purchase of books on art, the income on the balance to be expended for the work of Americanization and the purchase of books for the library.

GEORGIA HARDY SPELLING CONTEST FUND

A gift in the amount of \$100 from Georgia Hardy to be invested and the income to be expended for one or more books, to be used as prizes to the winners of a spelling contest to be conducted annually among the students of the senior class of the Cambridge High and Latin School for the purpose of promoting interest in the correct spelling of words of the English language.

CEMETERY PERPETUAL CARE FUND

Held in trust by the City, comprising amounts received from proprietors of lots in Cambridge Cemetery for perpetual care of the respective lots.

CONDITION OF TRUST FUNDS

December 31, 1938

WEBSTER THIERRY FUND

	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$332 12	\$332 12
Amount in fund December 31, 1938.....	334 12	334 12
<i>Receipts</i>		<i>Payments</i>
Income.....	\$9 14	Added to savings deposits.. \$2 00
		Transferred to city..... 7 14
Total.....	<u>\$9 14</u>	Total..... <u>\$9 14</u>

FREESE FUND

	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$218 61	\$218 61
Amount in fund December 31, 1938.....	219 97	219 97
<i>Receipts</i>		<i>Payments</i>
Income.....	\$5 47	Added to savings deposits.. \$1 36
		Transferred to city..... 4 11
Total.....	<u>\$5 47</u>	Total..... <u>\$5 47</u>

RUSSELL FUND

	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$814 41	\$814 41
Amount in fund December 31, 1938.....	814 41	814 41
<i>Receipts</i>		<i>Payments</i>
Income.....	\$20 36	Transferred to city..... \$20 36
Total.....	<u>\$20 36</u>	Total..... <u>\$20 36</u>

BRIDGE FUND

	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$3,577 09	\$3,577 09
Amount in fund December 31, 1938.....	3,609 96	3,609 96
<i>Receipts</i>		<i>Payments</i>
Income.....	\$98 59	Added to savings deposits.. \$32 87
		Transferred to city..... 65 72
Total.....	<u>\$98 59</u>	Total..... <u>\$98 59</u>

CALLANAN FUND

	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$2,000 00	\$2,000 00
Amount in fund December 31, 1938.....	2,000 00*	2,000 00
<i>Receipts</i>		<i>Payments</i>
Income.....	\$42 50	Transferred to city..... \$42 50
Total.....	<u>\$42 50</u>	Total..... <u>\$42 50</u>

* In closed bank, \$400.00

KINGMAN FUND

	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$1,700 00	\$1,700 00
Amount in fund December 31, 1938.....	1,700 00	1,700 00
<i>Receipts</i>		<i>Payments</i>
Income.....	\$46 75	Transferred to city..... \$46 75
Total.....	<u>\$46 75</u>	Total..... <u>\$46 75</u>

Trust Funds — Continued

GEORGIA HARDY SPELLING CONTEST FUND

	<i>Securities</i>	
	<i>Par Value</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$100 00	\$100 00
Amount in fund December 31, 1938.....	100 00	100 00
<i>Receipts</i>		
Income.....	\$13 50	
Total.....	<u>\$13 50</u>	
<i>Payments</i>		
Transferred to city.....		\$13 50
Total.....		<u>\$13 50</u>

CITIZENS' SUBSCRIPTION FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$126 04	\$5,500 00	\$5,626 04
Amount in fund December 31, 1938..	126 04*	5,500 00†	5,626 04
<i>Receipts</i>			
Income.....	\$148 13		
Cash on hand January 1, 1938	126 04		
Total.....	<u>\$274 17</u>		
<i>Payments</i>			
Transferred to city.....			\$148 13
Cash on hand December 31, 1938.....			126 04
Total.....			<u>\$274 17</u>

* In closed bank, \$126.04

† In closed bank, \$100.00

CUMMINGS FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$169 94	\$2,000 00	\$2,169 94
Amount in fund December 31, 1938....	169 94*	2,000 00	2,169 94
<i>Receipts</i>			
Income.....	\$55 00		
Cash on hand January 1, 1938	169 94		
Total.....	<u>\$224 94</u>		
<i>Payments</i>			
Transferred to city.....			\$55 00
Cash on hand December 31, 1938.....			169 94
Total.....			<u>\$224 94</u>

* In closed bank, \$169.94

FAY FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$58 21	\$1,000 00	\$1,058 21
Amount in fund December 31, 1938 ..	58 21*	1,000 00	1,058 21
<i>Receipts</i>			
Income.....	\$25 00		
Cash on hand January 1, 1938	58 21		
Total.....	<u>\$83 21</u>		
<i>Payments</i>			
Transferred to city.....			\$25 00
Cash on hand December 31, 1938.....			58 21
Total.....			<u>\$83 21</u>

* In closed bank, \$58.21

HOWE FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$61 32	\$3,000 00	\$3,061 32
Amount in fund December 31, 1938 ..	61 32*	3,000 00	3,061 32
<i>Receipts</i>			
Income.....	\$82 50		
Cash on hand January 1, 1938	61 32		
Total.....	<u>\$143 82</u>		
<i>Payments</i>			
Transferred to city.....			\$82 50
Cash on hand December 31, 1938.....			61 32
Total.....			<u>\$143 82</u>

* In closed bank, \$61.32

Trust Funds — Continued

MURDOCK FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$271 61	\$2,000 00	\$2,271 61
Amount in fund December 31, 1938 ..	271 61*	2,000 00	2,271 61
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$50 00	Transferred to city.....	\$50 00
Cash on hand January 1, 1938	271 61	Cash on hand December 31, 1938.....	271 61
Total.....	<u>\$321 61</u>	Total.....	<u>\$321 61</u>

* In closed bank, \$271.61

WILLIAM SAUNDERS FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$228 46	\$7,000 00	\$7,228 46
Amount in fund December 31, 1938 ..	228 46*	7,000 00	7,228 46
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$192 50	Transferred to city.....	\$192 50
Cash on hand January 1, 1938	228 46	Cash on hand December 31, 1938.....	228 46
Total.....	<u>\$420 96</u>	Total.....	<u>\$420 96</u>

* In closed bank, \$228.46

WHORF FUND

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$277 45	\$3,000 00	\$3,277 45
Amount in fund December 31, 1938.	277 45*	3,000 00	3,277 45
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$145 00	Transferred to city.....	\$145 00
Cash on hand January 1, 1938	277 45	Cash on hand December 31, 1938.....	277 45
Total.....	<u>\$422 45</u>	Total.....	<u>\$422 45</u>

* In closed bank, \$277.45

WILSON FUND

	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$1,429 69	\$1,429 69
Amount in fund December 31, 1938.....	1,469 27	1,469 27
<i>Receipts</i>	<i>Payments</i>	
Income.....	Added to savings deposits..	\$39 58
Total.....	Total.....	\$39 58

Trust Funds — Continued

WOOLSON FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$239 43	\$5,000 00	\$5,239 43
Amount in fund December 31, 1938.	239 43*	5,000 00	5,239 43
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$137 50	Transferred to city.....	\$137 50
Cash on hand January 1, 1938	239 43	Cash on hand December 31, 1938.....	239 43
Total.....	<u>\$376 93</u>	Total.....	<u>\$376 93</u>

* In closed bank, \$239.43

HARDING FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$40 49	\$1,000 00	\$1,040 49
Amount in fund December 31, 1938 ..	40 49*	1,000 00	1,040 49
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$25 00	Transferred to city.....	\$25 00
Cash on hand January 1, 1938	40 49	Cash on hand December 31, 1938.....	40 49
Total.....	<u>\$65 49</u>	Total.....	<u>\$65 49</u>

* In closed bank, \$40.49

CARRIE H. SAUNDERS FUND

	<i>Savings Deposits</i>	<i>Total</i>
Bequest received June 1938		
Amount in fund December 31, 1938.....	\$1,000 00	\$1,000 00
<i>Receipts</i>		<i>Payments</i>
Income.....	\$8 33	Transferred to city.....
Total.....	<u>\$8 33</u>	Total.....

CITIZEN OF CAMBRIDGE FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Total</i>
Amount in fund January 1, 1938....	\$1,450 28	\$7,400 00	\$8,850 28
Amount in fund December 31, 1938 .	1,450 28*	7,400 00†	8,850 28
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$176 00	Transferred to city.....	\$176 00
Cash on hand January 1, 1938	1,450 28	Cash on hand December 31, 1938.....	1,450 28
Total.....	<u>\$1,626 28</u>	Total.....	<u>\$1,626 28</u>

* In closed bank, \$1,450.28

† In closed bank, \$7,180.00

CEMETERY PERPETUAL CARE FUND

	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1938.....	\$140,182 62	\$109,500 00	\$249,682 62
Amount in fund December 31, 1938.....	144,608 12	109,500 00	254,108 12
<i>Receipts</i>		<i>Payments</i>	
Bequests and deposits.....	\$4,425 50	Added to savings deposits..	\$4,425 50
Income on investments.....	8,091 42	Transferred to city.....	8,091 42
Total.....	<u>\$12,516 92</u>	Total.....	<u>\$12,516 92</u>

Trust Funds — Continued

MUNICIPAL LOANS SINKING FUND

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1938. . .	\$13,746 01	\$2,293,912 50	\$2,307,388 51
Amount in fund December 31, 1938. .	26,651 12	2,173,912 50	2,200,563 62
<i>Receipts</i>		<i>Payments</i>	
Securities sold or matured. . .	\$255,000 00	Securities purchased.	\$135,000 00
Premiums, securities sold. . .	3,380 00	Premiums, securities purchased.	1,006 67
Accrued interest, securities purchased.	356 25	Accrued interest, securities purchased.	407 00
Discount, securities purchased.	150 31	Collections charges.	1 19
Income on investments.	82,703 41	To city for debt matured. . .	192,000 00
Cash on hand January 1, 1938.	13,746 01	Cash on hand December 31, 1938.	26,651 12
Total.	<u>\$355,065 98</u>	Total.	<u>\$355,065 98</u>

WATER LOANS SINKING FUND

	<i>Cash</i>	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1938. . .	\$15,130 99	\$87,789 31	\$57,500 00	\$160,420 30
Amount in fund December 31, 1938. .	2,359 62	33,204 55	11,500 00	47,064 17
<i>Receipts</i>		<i>Payments</i>		
Securities sold.	\$46,000 00	To city for debt matured. . .	\$17,000 00	
Premiums, securities sold. . .	296 13	To city, chapter 119, acts 1938.	100,000 00	
Accrued interest, securities sold.	225 00	Added to savings deposit. . .	1,343 64	
Income on investments.	3,122 74			
Withdrawn from savings deposit.	55,928 40	Cash on hand December 31, 1938.	2,359 62	
Cash on hand January 1, 1938.	15,130 99	Total.	<u>\$120,703 26</u>	
Total.	<u>\$120,703 26</u>			

RETIREMENT SYSTEM FUNDS

Annuity Savings Fund

	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1938.	\$17,239 31	\$129,000 00	\$146,239 31
Amount in fund December 31, 1938.	50,602 34	129,000 00	179,602 34
<i>Receipts</i>		<i>Payments</i>	
Pay roll deductions.	\$31,881 59	Refunded to members withdrawing.	\$3,888 84
Earnings.	6,641 35	Transferred to Annuity Reserve Fund.	1,271 07
Withdrawn from savings deposit.	5,159 91	Added to savings deposit. . .	38,522 94
Total.	<u>\$43,682 85</u>	Total.	<u>\$43,682 85</u>

Trust Funds — *Concluded*
Retirement System Funds—*Concluded*

Annuity Reserve Fund

	Cash	Savings Deposits	Total
Amount in fund January 1, 1938...	\$52 61	\$7,710 83	\$7,763 44
Amount in fund December 31, 1938	23 29	7,831 90	7,855 19
<i>Receipts</i>		<i>Payments</i>	
From Annuity Savings Fund	\$1,271 07	Annuities.....	\$1,179 32
Earnings.....	130 05	Transferred to Annuity	
Withdrawn from savings		Savings Fund.....	130 05
deposit.....	1,280 05	Added to savings deposit..	1,401 12
Cash on hand January 1,		Cash on hand December 31,	
1938.....	52 61	1938.....	23 29
Total.....	<u>\$2,733 78</u>	Total.....	<u>\$2,733 78</u>

Pension Accumulation Fund

	Cash	Savings Deposits	Securities Par Value	Total
Amount in fund January 1, 1938...	\$87 07	\$15,118 43	\$101,000 00	\$116,205 50
Amount in fund December 31, 1938	387 86	\$52,490 98	101,000 00	153,878 84
<i>Receipts</i>		<i>Payments</i>		
Contributions:		Pensions.....	\$22,799 21	
City.....	\$34,826 30	Added to savings deposit..	60,910 23	
School Dept. .	17,824 17			
Water Dept. .	2,843 53			
	<u>\$55,494 00</u>			
Earning, excess.....	4,978 55			
Withdrawn from savings				
deposit.....	23,537 68			
Cash on hand January 1,		Cash on hand December 31,		
1938.....	87 07	1938.....	387 86	
Total.....	<u>\$84,097 30</u>	Total.....	<u>\$84,097 30</u>	

Reconciliation of Bank Deposit

Checking Account

December 31, 1938

Balance Harvard Trust Company, per statement.....	\$44 33
Outstanding check, verified.....	44 33
Balance, County Bank and Trust Company, per statement.....	<u>\$2,513 08</u>
Balance, per check register.....	\$411 15
Outstanding checks, verified.....	2,101 93
	<u>\$2,513 08</u>

Reconciliation of Cash on Hand

December 31, 1938

Balance January 1, 1938.....	\$139 68
Transferred from Annuity Reserve Fund, verified.....	1,150 00
Transferred from Pension Accumulation Fund, verified....	23,100 00
	<u>\$24,389 68</u>
Annuities paid.....	\$1,179 32
Pensions paid.....	22,799 21
Balance, County Bank and Trust Company.....	411 15
	<u>\$24,389 68</u>

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT
OF THE
CITY TREASURER

TOGETHER WITH THE REPORT OF THE
COMMISSIONERS OF SINKING FUNDS OF THE
CITY OF CAMBRIDGE

For the Year Ending December 31, 1938



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK



REPORT OF CITY TREASURER

LETTER OF TRANSMITTAL

Cambridge, Mass., January 1, 1939

To the Honorable City Council:

In compliance with the provisions of Chapter 56 of the revised ordinances of 1892, amended to November 8, 1899, compiled to November 10, 1913, concerning "Annual reports of officers and boards in charge of departments," I respectfully submit herewith a report of the receipts and expenditures of the public funds by the Treasury Department during the year ending December 31, 1938, including an account of all bonded and temporary loans negotiated in said year, also a detailed account of official fees received and reports of all trust funds in the care of the City Treasurer. In addition to the above, a report of the Commissioners of the Sinking Funds of the City is included.

Very respectfully,

ANDREW P. CARROLL,
City Treasurer.

TEMPORARY LOANS IN ANTICIPATION OF REVENUE NEGOTIATED
DURING THE YEAR ENDING DECEMBER 31, 1938

Date	Maturity	Amount	Discount per Annum
Feb. 16, 1938	Nov. 3, 1938	\$500,000 00	.294
Mar. 2, 1938	Nov. 3, 1938	500,000 00	.38
Mar. 18, 1938	Nov. 9, 1938	500,000 00	.40 plus \$15 00
April 28, 1938	Nov. 16, 1938	1,000,000 00	.297
May 9, 1938	Nov. 16, 1938	500,000 00	.297
May 26, 1938	Feb. 23, 1939	500,000 00	.31
May 31, 1938	Feb. 23, 1939	200,000 00	.31
July 11, 1938	Mar. 29, 1939	500,000 00	.21
July 14, 1938	Mar. 15, 1939	500,000 00	.209
Nov. 18, 1938	May 18, 1939	500,000 00	.11
Dec. 14, 1938	June 22, 1939	500,000 00	.11

PARTICULARS REGARDING BOND SALES NEGOTIATED DURING THE YEAR ENDING DECEMBER 31, 1938

Date of Bonds	Amount	Loan	Years to Run	Rate	Purchaser	Rate
July 1, 1938	\$200,000	Street	\$40,000 annually for 5 years	1%	Lee Higginson Corp.	100.464
Aug. 1, 1938	300,000	Municipal Relief	30,000 annually for 10 years	1½%	Smith Barney & Co.	100.539
Aug. 1, 1938	100,000	Sewer	4,000 annually for 10 years	2¼%	Smith Barney & Co.	100.539
Sept. 1, 1938	200,000	Street	3,000 annually for 20 years			
Sept. 1, 1938	100,000	Municipal Relief	40,000 annually for 5 years	1%	Halsey Stuart & Co., Inc.	100.168
Oct. 1, 1938	510,000	Building Schoolhouse	10,000 annually for 10 years	1½%	Second National Bank of Boston	100.63
			26,000 annually for 10 years			
Oct. 1, 1938	213,000	Schoolhouse	25,000 annually for 10 years	2%	Halsey Stuart & Co., et al.	101.168
			11,000 annually for 13 years	2%	Halsey Stuart & Co., et al.	101.168
Oct. 1, 1938	30,000	Building Library	10,000 annually for 7 years			
			2,000 annually for 10 years	2%	Halsey Stuart & Co., et al.	101.168
Oct. 1, 1938	105,000	Building Garage	1,000 annually for 10 years			
			6,000 annually for 5 years	2%	Halsey Stuart & Co., et al.	101.168
			5,000 annually for 15 years			
Oct. 1, 1938	180,000	Hospital	9,000 annually for 20 years	2%	Halsey Stuart & Co., et al.	101.168
Oct. 1, 1938	150,000	Building Incinerator	8,000 annually for 10 years	2%	Halsey Stuart & Co., et al.	101.168
			7,000 annually for 10 years			
Dec. 1, 1938	150,000	Municipal Relief	15,000 annually for 10 years	1¾%	Salomon Bros. & Hutzler	101.08
Dec. 1, 1938	200,000	Street	40,000 annually for 5 years	2%	Halsey Stuart & Co. and H. C. Wainwright	100.229
Dec. 1, 1938	240,000	T. B. Hospital	12,000 annually for 20 years	1¾%	Halsey Stuart & Co. and H. C. Wainwright	100.229

RECAPITULATION

Building.....	\$285,000 00
Sewer.....	100,000 00
Street.....	600,000 00
Municipal Relief.....	550,000 00
School.....	723,000 00
Hospital.....	420,000 00
	<hr/>
	\$2,678,000 00

TREASURER'S DEPARTMENT

FEEs

Demands.....	\$3,694 31
Certificates.....	310 00
Deeds of Release.....	264 00
Demands on Tax Liens.....	185 40
Per Statute.....	238 00
Examination of Title.....	477 00
Advertising.....	432 50
Preparing and Posting.....	328 00
Affidavits.....	19 25
Recording Affidavits.....	76 00
Preparing Deeds.....	154 00
Recording Deeds.....	36 20
Sale of used Equipment.....	25 00
Telephone.....	\$ 80
Warrants.....	2 00
	<hr/>
	\$6,242 46

CASH

Cash on hand December 31, 1937.....	\$1,087,584 95
Cash receipts for year ending December 31, 1938.....	19,357,638 87
	<hr/>
Total cash for the year ending December 31, 1938.....	\$20,445,223 82
Cash expenditures for the year ending December 31, 1938.....	17,898,239 97
	<hr/>
Cash balance December 31, 1938.....	\$2,546,983 85
Included in this cash is \$1,342,299 72 PWA Projects.	

Note: For detailed cash receipts and expenditures see Auditor's report.

REPORT OF TRUST FUNDS
IN HANDS OF CITY TREASURER

The following is the condition of the funds:

CEMETERY TRUST FUND

Perpetual Care Fund, December 31, 1937.....	\$249,080 62
Deeds in Trust, December 31, 1938.....	602 00
Received from owners of lots for perpetual care.....	4,425 50
	<hr/>
	\$254,108 12

Cash Account

Dr.

Balance on deposit, December 31, 1937.....	\$140,182 62
Received from owners of lots for perpetual care.....	4,425 50
Received interest on investments.....	8,091 42

 \$152,699 54

Cr.

Paid City of Cambridge for care of lots in perpetual care.....	\$8,091 42
Balance on deposit in Cambridge Savings Banks.....	144,608 12

 \$152,699 54

Webster Thierry Historic Prize Fund

This is a fund of \$300 donated by Adelaide H. Thierry. Out of the income each year, one dollar is to be added to the principal sum. From the remaining income each year, a book or books are to be purchased under the direction of the Headmaster of the Cambridge High and Latin School, to be awarded by said Headmaster as a prize to the pupil adjudged by him to have done, during the current year, the best work in the most advanced course in American History and Government which is given in said school.

Any balance left each year from the income of said fund after the purposes have been fulfilled is to be added to the principal sum and thereafter the income only is to be used as above.

Amount of fund December 31, 1937.....	\$332 12
Income on fund.....	9 14

 \$341 26

Paid City of Cambridge.....	7 14
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 334 12

Amount of fund December 31, 1938.....	
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Willian Penn Harding Fund

Amount of fund December 31, 1937.....	\$1,000 00
Income on fund.....	25 00

 \$1,025 00

Paid City of Cambridge.....	25 00
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 \$1,000 00

Amount of fund December 31, 1938.....	
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John Wesley Freese Fund

Amount of fund December 31, 1937.....	\$218 61
Income on fund.....	5 47

 \$224 08

Paid City of Cambridge.....	4 11
-----------------------------	------

 \$219 97

Amount in Cambridgeport Savings Bank, December 31, 1938.....	
--	--

Bridge Charitable Fund

Amount of fund December 31, 1937.....	\$3,577 09
Income on fund.....	98 59

 \$3,675 68

Paid City of Cambridge.....	65 72
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 \$3,609 96

Amount in Cambridge Savings Bank December 31, 1938.....	
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Georgia Hardy Fund

	<i>Securities Par Value</i>
Amount of fund December 31, 1937.....	\$100 00
Income on fund.....	13 50

	\$113 50
Paid City of Cambridge.....	13 50

Amount of fund December 31, 1938.....	\$100 00
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Sarah E. Russell Fund

Amount of fund December 31, 1937.....	\$814 41
Income on fund.....	20 36

	\$834 77
Paid City of Cambridge.....	20 36

Amount of fund December 31, 1938.....	\$814 41
---------------------------------------	----------

Edward L. Kingman Scholarship Fund

Amount of fund December 31, 1937.....	\$1,700 00
Income on fund.....	46 75

	\$1,746 75
Paid City of Cambridge.....	46 75

Amount of fund December 31, 1938.....	\$1,700 00
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Reverend P. H. Callanan Fund

Amount of fund December 31, 1937.....	\$2,000 00
Income on fund.....	42 50

	\$2,042 50
Paid City of Cambridge.....	42 50

Amount of fund December 31, 1938.....	\$2,000 00
Amount in closed bank, \$400 00.	

LIBRARY TRUST FUNDS

Transferred to Custody of Treasurer

Howe Fund

Amount of fund December 31, 1937.....	\$3,061 32
Income on fund.....	82 50

	\$3,143 82
Paid City of Cambridge.....	82 50

Amount of fund December 31, 1938.....	\$3,061 32
Amount in closed bank, \$61 32.	

Cummings Fund

Amount of fund December 31, 1937.....	\$2,169 94
Income on fund.....	55 00

	\$2,224 94
Paid City of Cambridge.....	55 00

Amount of fund December 31, 1938.....	\$2,169 94
Amount in closed bank, \$169 94.	

Woolson Fund

Amount of fund December 31, 1937.....	\$5,239 43
Income on fund.....	137 50
	<hr/>
	\$5,376 93
Paid City of Cambridge.....	137 50
	<hr/>
Amount of fund December 31, 1938.....	\$5,239 43
Amount in closed bank, \$239 43.	

Whorf Fund

Amount of fund December 31, 1937.....	\$3,277 45
Income on fund.....	145 00
	<hr/>
	\$3,422 45
Paid City of Cambridge.....	145 00
	<hr/>
Amount of fund December 31, 1938.....	\$3,277 45
Amount in closed bank, \$277 45.	

Saunders Fund

Amount of fund December 31, 1937.....	\$7,228 46
Income on fund.....	192 50
	<hr/>
	\$7,420 96
Paid City of Cambridge.....	192 50
	<hr/>
Amount of fund December 31, 1938.....	\$7,228 46
Amount in closed bank, \$228 46.	

Fay Fund

Amount of fund December 31, 1937.....	\$1,058 21
Income on fund.....	25 00
	<hr/>
	\$1,083 21
Paid City of Cambridge.....	25 00
	<hr/>
Amount of fund December 31, 1938.....	\$1,058 21
Amount in closed bank, \$58 21.	

Murdock Fund

Amount of fund December 31, 1937.....	\$2,271 61
Income on fund.....	50 00
	<hr/>
	\$2,321 61
Paid City of Cambridge.....	50 00
	<hr/>
Amount of fund December 31, 1938.....	\$2,271 61
Amount in closed bank, \$271 61.	

Wilson Fund

Amount of fund December 31, 1937.....	\$1,429 69
Income added to fund.....	39 58
	<hr/>
Amount of fund December 31, 1938.....	\$1,469 27

Citizens Subscription Fund

Amount of fund December 31, 1937.....	\$5,626 04
Income on fund.....	148 13
	<hr/>
	\$5,774 17
Paid City of Cambridge.....	148 13
	<hr/>
Amount of fund December 31, 1938.....	\$5,626 04
Amount in closed bank, \$226 04.	

Citizens of Cambridge Fund

Amount of fund December 31, 1937.....	\$8,850 28
Income on fund.....	176 00
	<hr/>
	\$9,026 28
Paid City of Cambridge.....	176 00
	<hr/>
Amount of fund December 31, 1938.....	\$8,850 28
Amount in closed bank, \$2,330 28.	

Harding Fund

Amount of fund December 31, 1937.....	\$40 49
Amount of fund December 31, 1938.....	40 49
Amount in closed bank, \$40 49.	

Carrie H. Saunders Fund

Amount of fund August 31, 1938.....	\$1,000 00
Income on fund.....	8 33
	<hr/>
	\$1,008 33
Paid City of Cambridge.....	8 33
	<hr/>
Amount of fund December 31, 1938.....	\$1,000 00

The Bonded Debt matures as follows:

Issued serially, provided for in the annual tax levy.

Jan. 1, 1939	Sewer.....	4s	500 00
Jan. 1, 1939	Street.....	2½s	10,000 00
Jan. 15, 1939	Street.....	4s	15,000 00
Feb. 1, 1939	School Loan Act of 1928.....	5s	45,000 00
Feb. 1, 1939	Building.....	3¼s	14,000 00
Feb. 1, 1939	Building.....	3½s	12,000 00
Feb. 1, 1939	Sewer.....	2½s	7,000 00
Mar. 1, 1939	Land for playground.....	4s	500 00
Mar. 1, 1939	Sewer separate system.....	4s	1,500 00
Mar. 1, 1939	Sewer separate system.....	4s	2,000 00
Mar. 1, 1939	Sewer separate system.....	3¾s	3,000 00
Mar. 1, 1939	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1939	School.....	4s	2,000 00
Mar. 1, 1939	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1939	Sewer.....	2¾s	3,000 00
Mar. 1, 1939	Sewer.....	2½s	4,000 00
April 1, 1939	Street.....	3s	20,000 00
April 1, 1939	Sewer.....	3¼s	2,000 00
			<hr/>
	Amount carried forward.....		\$147,500 00

Amount brought forward \$147,500 00

May	1, 1939	Sewer	3½s	\$500	00
May	1, 1939	Cambridge Bridge	4s	2,000	00
May	1, 1939	Street	1¼s	40,000	00
May	1, 1939	Street	1¼s	40,000	00
June	1, 1939	Hospital building	4s	2,000	00
June	1, 1939	Sewer construction	4s	500	00
June	1, 1939	Sewer separate system	4s	500	00
June	1, 1939	Building	4¼s	1,000	00
June	1, 1939	Sewer separate system	4¼s	1,500	00
June	1, 1939	First Street Bridge	4¼s	1,000	00
June	1, 1939	Street	4s	15,000	00
June	1, 1939	Alewife Brook Fresh Pond Highway	3½s	15,000	00
June	1, 1939	Street	1½s	40,000	00
July	1, 1939	Sewer	4s	500	00
July	1, 1939	Sewer separate system	4s	500	00
July	1, 1939	Park	4s	1,000	00
July	1, 1939	Sewer separate system	4s	1,000	00
July	1, 1939	Sewer	4½s	1,000	00
July	1, 1939	Playground	4s	500	00
July	1, 1939	School	4s	33,000	00
July	1, 1939	Street	3½s	10,000	00
July	1, 1939	Street	2½s	20,000	00
July	1, 1939	Street	1¼s	40,000	00
July	1, 1939	Street	1s	40,000	00
July	15, 1939	Schoolhouse	4¼s	4,000	00
July	15, 1939	Sewer construction	4s	1,000	00
July	15, 1939	Sewer separate system	4s	1,000	00
Aug.	1, 1939	Street	4s	15,000	00
Aug.	1, 1939	Sewer	4½s	2,000	00
Aug.	1, 1939	Sewer	3¾s	2,000	00
Aug.	1, 1939	Street	1¼s	20,000	00
Aug.	1, 1939	Municipal Relief, Act of 1936	1¾s	25,000	00
Aug.	1, 1939	Street	1½s	40,000	00
Aug.	1, 1939	Municipal Relief	1½s	30,000	00
Aug.	1, 1939	Sewer	2¼s	4,000	00
Sept.	1, 1939	Park	3½s	1,000	00
Sept.	1, 1939	Park	4s	1,000	00
Sept.	1, 1939	Sewer separate system	4½s	3,000	00
Sept.	1, 1939	Street	4½s	35,000	00
Sept.	1, 1939	Street	4½s	13,000	00
Sept.	1, 1939	Street	1¾s	40,000	00
Sept.	1, 1939	Street	1s	40,000	00
Sept.	1, 1939	Municipal Relief	1½s	10,000	00
Oct.	1, 1939	Sewer construction	4½s	1,500	00
Oct.	1, 1939	Hospital	4½s	3,000	00
Oct.	1, 1939	Sewer	5s	1,000	00
Oct.	1, 1939	Hospital	5s	2,500	00
Oct.	1, 1939	Sewer	5s	1,000	00
Oct.	1, 1939	Sewer	5s	500	00
Oct.	1, 1939	Building	4½s	2,000	00
Oct.	1, 1939	Sewer construction	4½s	2,000	00
Oct.	1, 1939	Sewer separate system	4½s	1,500	00
Oct.	1, 1939	Schoolhouse	4s	13,000	00
Oct.	1, 1939	First Street Bridge	4s	4,000	00
Oct.	1, 1939	Sewer construction	4s	500	00
Oct.	1, 1939	Sewer separate system	4s	1,000	00
Oct.	1, 1939	Sixth Street Bridge	4s	2,000	00

Amount carried forward \$776,500 00

<i>Amount brought forward</i>			\$776,500 00
Oct. 1, 1939	Land for playground.....	4s	\$1,000 00
Oct. 1, 1939	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1939	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1939	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1939	City of Cambridge, Charles River Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1939	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1939	Building.....	4s	22,000 00
Oct. 1, 1939	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1939	Schoolhouse.....	4s	1,000 00
Oct. 1, 1939	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1939	Sewer.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1939	Street.....	4 $\frac{1}{4}$ s	10,000 00
Oct. 1, 1939	Sewer.....	3 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1939	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1939	Schoolhouse.....	2s	11,000 00
Oct. 1, 1939	Building (Library).....	2s	2,000 00
Oct. 1, 1939	Building (Garage).....	2s	6,000 00
Oct. 1, 1939	Hospital.....	2s	9,000 00
Oct. 1, 1939	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1939	Charles River Bridge, Acts of 1921..	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1939	Northern Traffic Route, Act of 1924.	4 $\frac{1}{2}$ s	50,000 00
Nov. 1, 1939	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1939	Municipal Relief.....	2s	20,000 00
Nov. 1, 1939	Street.....	1 $\frac{1}{4}$ s	40,000 00
Dec. 1, 1939	Sewer separate system.....	4s	500 00
Dec. 1, 1939	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1939	Building.....	4s	1,000 00
Dec. 1, 1939	City of Cambridge, Charles River Bridge, Acts of 1921.....	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1939	Building.....	3 $\frac{3}{4}$ s	7,000 00
Dec. 1, 1939	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1939	Schoolhouse.....	4 $\frac{1}{4}$ s	35,000 00
Dec. 1, 1939	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1939	City Hospital, Acts of 1929.....	4 $\frac{1}{2}$ s	35,000 00
Dec. 1, 1939	School, Acts of 1928.....	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1939	Street.....	4s	7,500 00
Dec. 1, 1939	Street.....	2 $\frac{1}{2}$ s	5,000 00
Dec. 1, 1939	Municipal Relief.....	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1939	Street.....	2s	40,000 00
Dec. 1, 1939	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Jan. 1, 1940	Sewer.....	4s	500 00
Jan. 1, 1940	Street.....	2 $\frac{1}{2}$ s	10,000 00
Feb. 1, 1940	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1940	Building.....	3 $\frac{1}{4}$ s	14,000 00
Feb. 1, 1940	Building.....	3 $\frac{1}{2}$ s	12,000 00
Feb. 1, 1940	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Mar. 1, 1940	Land for playground.....	4s	500 00
Mar. 1, 1940	Sewer separate system.....	4s	1,500 00
Mar. 1, 1940	Sewer separate system.....	4s	2,000 00
Mar. 1, 1940	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1940	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1940	School.....	4s	2,000 00
Mar. 1, 1940	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1940	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1940	Sewer.....	2 $\frac{1}{2}$ s	4,000 00
April 1, 1940	Street.....	3s	20,000 00
<i>Amount carried forward</i>			\$1,339,500 00

<i>Amount brought forward</i>			\$1,339,500 00
April 1, 1940	Sewer.....	3 $\frac{1}{4}$ s	\$2,000 00
May 1, 1940	Sewer.....	3 $\frac{1}{2}$ s	500 00
May 1, 1940	Cambridge Bridge.....	4s	2,000 00
May 1, 1940	Street.....	1 $\frac{1}{4}$ s	40,000 00
May 1, 1940	Street.....	1 $\frac{1}{4}$ s	40,000 00
June 1, 1940	Hospital building.....	4s	2,000 00
June 1, 1940	Sewer construction.....	4s	500 00
June 1, 1940	Sewer separate system.....	4s	500 00
June 1, 1940	Building.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1940	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1940	First Street Bridge.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1940	Street.....	4s	15,000 00
June 1, 1940	Alewife Brook Fresh Pond Highway.....	3 $\frac{1}{2}$ s	15,000 00
June 1, 1940	Street.....	1 $\frac{1}{2}$ s	40,000 00
July 1, 1940	Sewer.....	4s	500 00
July 1, 1940	Sewer separate system.....	4s	500 00
July 1, 1940	Park.....	4s	1,000 00
July 1, 1940	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 1, 1940	Playground.....	4s	500 00
July 1, 1940	Sewer separate system.....	4s	1,000 00
July 1, 1940	School.....	4s	33,000 00
July 1, 1940	Street.....	3 $\frac{1}{2}$ s	10,000 00
July 1, 1940	Street.....	2 $\frac{1}{2}$ s	20,000 00
July 1, 1940	Street.....	1 $\frac{1}{4}$ s	40,000 00
July 1, 1940	Street.....	1s	40,000 00
July 15, 1940	Schoolhouse.....	4 $\frac{1}{2}$ s	4,000 00
July 15, 1940	Sewer construction.....	4s	1,000 00
July 15, 1940	Sewer separate system.....	4s	1,000 00
Aug. 1, 1940	Street.....	4s	15,000 00
Aug. 1, 1940	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1940	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1940	Street.....	1 $\frac{1}{4}$ s	20,000 00
Aug. 1, 1940	Municipal Relief, Act of 1936.....	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1940	Street.....	1 $\frac{1}{2}$ s	40,000 00
Aug. 1, 1940	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1940	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Sept. 1, 1940	Park.....	3 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1940	Park.....	4s	1,000 00
Sept. 1, 1940	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1940	Street.....	1 $\frac{3}{4}$ s	40,000 00
Sept. 1, 1940	Street.....	1s	40,000 00
Sept. 1, 1940	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1940	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1940	Sewer.....	5s	1,000 00
Oct. 1, 1940	Hospital.....	5s	2,500 00
Oct. 1, 1940	Sewer.....	5s	1,000 00
Oct. 1, 1940	Sewer.....	5s	500 00
Oct. 1, 1940	Building.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1940	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1940	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1940	Schoolhouse.....	4s	13,000 00
Oct. 1, 1940	First Street Bridge.....	4s	4,000 00
Oct. 1, 1940	Sewer construction.....	4s	500 00
Oct. 1, 1940	Sewer separate system.....	4s	1,000 00
Oct. 1, 1940	Land for playground.....	4s	1,000 00
Oct. 1, 1940	Sewer separate system.....	4s	2,500 00
Oct. 1, 1940	Land for playground.....	4 $\frac{1}{4}$ s	500 00
<i>Amount carried forward</i>			\$1,921,500 00

<i>Amount brought forward</i>		\$1,921,500 00
Oct. 1, 1940	Sewer separate system.....4¼s	\$2,500 00
Oct. 1, 1940	City of Cambridge, Charles River	
	Bridge, Acts of 1921.....4s	5,000 00
Oct. 1, 1940	Building.....4s	22,000 00
Oct. 1, 1940	Separate system of sewers.....4s	1,000 00
Oct. 1, 1940	Separate system of sewers.....4s	1,000 00
Oct. 1, 1940	Sixth Street Bridge.....4s	2,000 00
Oct. 1, 1940	Schoolhouse.....4s	1,000 00
Oct. 1, 1940	Building.....4¼s	2,500 00
Oct. 1, 1940	Sewer separate system.....4¼s	500 00
Oct. 1, 1940	Street.....4¼s	10,000 00
Oct. 1, 1940	Sewer.....3½s	3,000 00
Oct. 1, 1940	Building (Schoolhouse).....2s	26,000 00
Oct. 1, 1940	Schoolhouse.....2s	11,000 00
Oct. 1, 1940	Building (Library).....2s	2,000 00
Oct. 1, 1940	Building (Garage).....2s	6,000 00
Oct. 1, 1940	Hospital.....2s	9,000 00
Oct. 1, 1940	Building (Incinerator).....2s	8,000 00
Nov. 1, 1940	Charles River Bridge, Acts of 1921..4½s	18,000 00
Nov. 1, 1940	Sewer.....2½s	3,000 00
Nov. 1, 1940	Municipal Relief.....2s	20,000 00
Nov. 1, 1940	Street.....1¼s	40,000 00
Dec. 1, 1940	Sewer separate system.....4s	500 00
Dec. 1, 1940	Sewer construction.....4½s	500 00
Dec. 1, 1940	Street.....2½s	5,000 00
Dec. 1, 1940	City of Cambridge, Charles River	
	Bridge, Acts of 1921.....3¾s	5,000 00
Dec. 1, 1940	Building.....3¾s	7,000 00
Dec. 1, 1940	Third Street Bridge.....3¾s	2,500 00
Dec. 1, 1940	Schoolhouse.....4¼s	35,000 00
Dec. 1, 1940	Building.....4¼s	2,000 00
Dec. 1, 1940	Schoolhouse, Acts of 1928.....4½s	20,000 00
Dec. 1, 1940	City Hospital, Acts of 1929.....4½s	30,000 00
Dec. 1, 1940	Street.....4s	7,500 00
Dec. 1, 1940	Municipal Relief.....1¾s	15,000 00
Dec. 1, 1940	Street.....2s	40,000 00
Dec. 1, 1940	T. B. Hospital.....1¾s	12,000 00
Jan. 1, 1941	Sewer.....4s	500 00
Jan. 1, 1941	Street.....2½s	10,000 00
Feb. 1, 1941	School Loan Act of 1928.....5s	44,000 00
Feb. 1, 1941	Building.....3¼s	14,000 00
Feb. 1, 1941	Building.....3½s	12,000 00
Feb. 1, 1941	Sewer.....2½s	7,000 00
Mar. 1, 1941	Land for playground.....4s	500 00
Mar. 1, 1941	Sewer separate system.....4s	1,500 00
Mar. 1, 1941	Sewer separate system.....4s	2,000 00
Mar. 1, 1941	Separate system of sewers.....3¾s	3,000 00
Mar. 1, 1941	Sewer separate system.....4¼s	3,000 00
Mar. 1, 1941	School.....4s	2,000 00
Mar. 1, 1941	Separate system of sewers.....4s	3,000 00
Mar. 1, 1941	Sewer.....2¾s	3,000 00
Mar. 1, 1941	Sewer.....2½s	4,000 00
April 1, 1941	Street.....3s	20,000 00
April 1, 1941	Sewer.....3¼s	2,000 00
May 1, 1941	Cambridge Bridge.....4s	2,000 00
May 1, 1941	Sewer.....3½s	500 00
May 1, 1941	Street.....1¼s	40,000 00
<i>Amount carried forward</i>		\$2,471,000 00

<i>Amount brought forward</i>			\$2,471,000 00
June 1, 1941	Hospital building.....	4s	\$2,000 00
June 1, 1941	Sewer construction.....	4s	500 00
June 1, 1941	Sewer separate system.....	4s	500 00
June 1, 1941	Building.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1941	First Street Bridge.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1941	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1941	Alewife Brook Fresh Pond Highway	3 $\frac{1}{2}$ s	14,000 00
June 1, 1941	Street.....	1 $\frac{1}{2}$ s	40,000 00
July 1, 1941	Sewer.....	4s	500 00
July 1, 1941	Sewer separate system.....	4s	500 00
July 1, 1941	Sewer separate system.....	4s	1,000 00
July 1, 1941	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 1, 1941	Playground.....	4s	500 00
July 1, 1941	School.....	4s	33,000 00
July 1, 1941	Street.....	2 $\frac{1}{2}$ s	20,000 00
July 1, 1941	Street.....	3 $\frac{1}{2}$ s	10,000 00
July 1, 1941	Street.....	1 $\frac{1}{4}$ s	40,000 00
July 1, 1941	Street.....	1s	40,000 00
July 15, 1941	Schoolhouse.....	4 $\frac{1}{4}$ s	4,000 00
July 15, 1941	Sewer construction.....	4s	1,000 00
July 15, 1941	Sewer separate system.....	4s	1,000 00
Aug. 1, 1941	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1941	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1941	Municipal Relief, Act of 1936.....	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1941	Street.....	1 $\frac{1}{2}$ s	40,000 00
Aug. 1, 1941	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1941	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Sept. 1, 1941	Park.....	3 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1941	Park.....	4s	1,000 00
Sept. 1, 1941	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1941	Street.....	1s	40,000 00
Sept. 1, 1941	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1941	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1941	Sewer.....	5s	1,000 00
Oct. 1, 1941	Sewer.....	5s	500 00
Oct. 1, 1941	Building.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1941	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1941	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1941	Schoolhouse.....	4s	13,000 00
Oct. 1, 1941	First Street Bridge.....	4s	4,000 00
Oct. 1, 1941	Sewer construction.....	4s	500 00
Oct. 1, 1941	Sewer separate system.....	4s	1,000 00
Oct. 1, 1941	Land for playground.....	4s	1,000 00
Oct. 1, 1941	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1941	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1941	Sewer.....	3 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1941	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1941	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1941	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1941	Building.....	4s	22,000 00
Oct. 1, 1941	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1941	Sixth Street Bridge.....	4s	2,000 00
Oct. 1, 1941	Schoolhouse.....	4s	1,000 00
Oct. 1, 1941	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1941	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1941	Street.....	4 $\frac{1}{4}$ s	10,000 00
<i>Amount carried forward</i>			\$2,923,500 00

<i>Amount brought forward</i>			\$2,923,500 00
Oct. 1, 1941	Building (Schoolhouse).....	2s	\$26,000 00
Oct. 1, 1941	Schoolhouse.....	2s	11,000 00
Oct. 1, 1941	Building (Library).....	2s	2,000 00
Oct. 1, 1941	Building (Garage).....	2s	6,000 00
Oct. 1, 1941	Hospital.....	2s	9,000 00
Oct. 1, 1941	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1941	Charles River Bridge, Acts of 1921.....	4½s	18,000 00
Nov. 1, 1941	Sewer.....	2½s	3,000 00
Nov. 1, 1941	Municipal Relief.....	2s	20,000 00
Nov. 1, 1941	Street.....	1¼s	40,000 00
Dec. 1, 1941	Sewer separate system.....	4s	500 00
Dec. 1, 1941	Sewer construction.....	4½s	500 00
Dec. 1, 1941	City of Cambridge, Charles River Bridge, Acts of 1921.....	3¾s	5,000 00
Dec. 1, 1941	Building.....	3¾s	7,000 00
Dec. 1, 1941	Third Street Bridge.....	3¾s	2,500 00
Dec. 1, 1941	Schoolhouse.....	4¼s	31,000 00
Dec. 1, 1941	Schoolhouse, Acts of 1928.....	4½s	20,000 00
Dec. 1, 1941	City Hospital, Acts of 1929.....	4½s	30,000 00
Dec. 1, 1941	Building.....	4¼s	2,000 00
Dec. 1, 1941	Street.....	2½s	5,000 00
Dec. 1, 1941	Municipal Relief.....	1¾s	15,000 00
Dec. 1, 1941	Street.....	2s	40,000 00
Dec. 1, 1941	T. B. Hospital.....	1¾s	12,000 00
Jan. 1, 1942	Sewer.....	4s	500 00
Jan. 1, 1942	Street.....	2½s	10,000 00
Feb. 1, 1942	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1942	Building.....	3¼s	14,000 00
Feb. 1, 1942	Building.....	3½s	12,000 00
Feb. 1, 1942	Sewer.....	2½s	7,000 00
Mar. 1, 1942	Land for playground.....	4s	500 00
Mar. 1, 1942	Sewer separate system.....	4s	1,500 00
Mar. 1, 1942	Sewer separate system.....	4s	2,000 00
Mar. 1, 1942	Sewer separate system.....	3¾s	3,000 00
Mar. 1, 1942	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1942	School.....	4s	1,000 00
Mar. 1, 1942	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1942	Sewer.....	2¾s	3,000 00
Mar. 1, 1942	Sewer.....	2½s	4,000 00
April 1, 1942	Street.....	3s	20,000 00
April 1, 1942	Sewer.....	3¼s	2,000 00
May 1, 1942	Sewer.....	3½s	500 00
May 1, 1942	Cambridge Bridge.....	4s	2,000 00
June 1, 1942	Hospital building.....	4s	2,000 00
June 1, 1942	Sewer construction.....	4s	500 00
June 1, 1942	Sewer separate system.....	4s	500 00
June 1, 1942	Sewer separate system.....	4¼s	1,500 00
June 1, 1942	First Street Bridge.....	4¼s	1,000 00
June 1, 1942	Street.....	1½s	40,000 00
July 1, 1942	Sewer.....	4s	500 00
July 1, 1942	Sewer separate system.....	4s	500 00
July 1, 1942	Sewer separate system.....	4s	1,000 00
July 1, 1942	Playground.....	4s	500 00
July 1, 1942	Sewer.....	4½s	1,000 00
July 1, 1942	School.....	4s	33,000 00
July 1, 1942	Street.....	2½s	20,000 00
July 1, 1942	Street.....	1s	40,000 00
<i>Amount carried forward</i>			\$3,512,000 00

<i>Amount brought forward</i>			\$3,512,000 00
July 15, 1942	Schoolhouse.....	4 $\frac{1}{4}$ s	\$4,000 00
July 15, 1942	Sewer construction.....	4s	1,000 00
July 15, 1942	Sewer separate system.....	4s	1,000 00
Aug. 1, 1942	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1942	Municipal Relief, Act of 1936.....	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1942	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1942	Street.....	1 $\frac{1}{2}$ s	40,000 00
Aug. 1, 1942	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1942	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Sept. 1, 1942	Park.....	3 $\frac{1}{4}$ s	1,000 00
Sept. 1, 1942	Park.....	4s	1,000 00
Sept. 1, 1942	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1942	Street.....	1s	40,000 00
Sept. 1, 1942	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1942	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1942	Sewer.....	5s	1,000 00
Oct. 1, 1942	Sewer.....	5s	500 00
Oct. 1, 1942	Sewer.....	3 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1942	Schoolhouse.....	4s	1,000 00
Oct. 1, 1942	Schoolhouse.....	4s	13,000 00
Oct. 1, 1942	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1942	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1942	First Street Bridge.....	4s	4,000 00
Oct. 1, 1942	Sewer construction.....	4s	500 00
Oct. 1, 1942	Sewer separate system.....	4s	1,000 00
Oct. 1, 1942	Land for playground.....	4s	1,000 00
Oct. 1, 1942	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1942	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1942	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1942	City of Cambridge, Charles River Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1942	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1942	Building.....	4s	22,000 00
Oct. 1, 1942	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1942	Sixth Street Bridge.....	4s	2,000 00
Oct. 1, 1942	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1942	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1942	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1942	Schoolhouse.....	2s	11,000 00
Oct. 1, 1942	Building (Library).....	2s	2,000 00
Oct. 1, 1942	Building (Garage).....	2s	6,000 00
Oct. 1, 1942	Hospital.....	2s	9,000 00
Oct. 1, 1942	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1942	Charles River Bridge, Acts of 1921 ..	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1942	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1942	Municipal Relief.....	2s	20,000 00
Nov. 1, 1942	Street.....	1 $\frac{1}{4}$ s	40,000 00
Dec. 1, 1942	Sewer separate system.....	4s	500 00
Dec. 1, 1942	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1942	City of Cambridge, Charles River Bridge, Acts of 1921.....	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1942	Building.....	4 $\frac{3}{4}$ s	7,000 00
Dec. 1, 1942	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1942	Schoolhouse.....	4 $\frac{1}{4}$ s	31,000 00
Dec. 1, 1942	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1942	City Hospital, Acts of 1929.....	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1942	Schoolhouse, Acts of 1928.....	4 $\frac{1}{2}$ s	20,000 00

Amount carried forward..... \$3,987,000 00

<i>Amount brought forward</i>			\$3,987,000 00
Dec.	1, 1942	Street	2½s \$5,000 00
Dec.	1, 1942	Municipal Relief	1¾s 15,000 00
Dec.	1, 1942	Street	2s 40,000 00
Dec.	1, 1942	T. B. Hospital	1¾s 12,000 00
Jan.	1, 1943	Sewer	4s 500 00
Jan.	1, 1943	Street	2½s 10,000 00
Feb.	1, 1943	School Loan Act of 1928	5s 44,000 00
Feb.	1, 1943	Building	3¼s 14,000 00
Feb.	1, 1943	Building	3½s 12,000 00
Feb.	1, 1943	Sewer	2½s 7,000 00
Mar.	1, 1943	Land for playground	4s 500 00
Mar.	1, 1943	Sewer separate system	4s 1,500 00
Mar.	1, 1943	Sewer separate system	4s 2,000 00
Mar.	1, 1943	Sewer separate system	3¾s 3,000 00
Mar.	1, 1943	Sewer separate system	4¼s 3,000 00
Mar.	1, 1943	School	4s 1,000 00
Mar.	1, 1943	Separate system of sewers	4s 3,000 00
Mar.	1, 1943	Sewer	2¾s 3,000 00
Mar.	1, 1943	Sewer	2½s 4,000 00
April	1, 1943	Street	3s 20,000 00
April	1, 1943	Sewer	3¼s 2,000 00
May	1, 1943	Sewer	3½s 500 00
May	1, 1943	Cambridge Bridge	4s 2,000 00
June	1, 1943	Sewer construction	4s 500 00
June	1, 1943	Sewer separate system	4s 500 00
June	1, 1943	Sewer separate system	4¼s 1,500 00
June	1, 1943	First Street Bridge	4¼s 1,000 00
July	1, 1943	Sewer	4s 500 00
July	1, 1943	Sewer separate system	4s 500 00
July	1, 1943	Sewer separate system	4s 1,000 00
July	1, 1943	Playground	4s 500 00
July	1, 1943	Sewer	4½s 1,000 00
July	1, 1943	School	4s 33,000 00
July	1, 1943	Street	2½s 20,000 00
July	1, 1943	Street	1s 40,000 00
July	15, 1943	Schoolhouse	4¼s 4,000 00
July	15, 1943	Sewer construction	4s 1,000 00
July	15, 1943	Sewer separate system	4s 1,000 00
Aug.	1, 1943	Sewer	4½s 2,000 00
Aug.	1, 1943	Sewer	3¾s 2,000 00
Aug.	1, 1943	Municipal Relief, Act of 1936	1¾s 25,000 00
Aug.	1, 1943	Municipal Relief	1½s 30,000 00
Aug.	1, 1943	Sewer	2¼s 4,000 00
Sept.	1, 1943	Park	4s 1,000 00
Sept.	1, 1943	Sewer separate system	4½s 3,000 00
Sept.	1, 1943	Street	1s 40,000 00
Sept.	1, 1943	Municipal Relief	1½s 10,000 00
Oct.	1, 1943	Sewer construction	4½s 1,500 00
Oct.	1, 1943	Sewer	5s 1,000 00
Oct.	1, 1943	Sewer	5s 500 00
Oct.	1, 1943	Sewer construction	4½s 2,000 00
Oct.	1, 1943	Sewer separate system	4½s 1,500 00
Oct.	1, 1943	Sewer construction	4s 500 00
Oct.	1, 1943	Land for playground	4s 1,000 00
Oct.	1, 1943	Separate system of sewers	4s 2,500 00
Oct.	1, 1943	Land for playground	4¼s 500 00
Oct.	1, 1943	Sewer separate system	4¼s 2,500 00

Amount carried forward \$4,428,500 00

<i>Amount brought forward</i>			\$4,428,500 00
Oct.	1, 1943	City of Cambridge, Charles River	
		Bridge, Acts of 1921	4s \$5,000 00
Oct.	1, 1943	Schoolhouse	4s 1,000 00
Oct.	1, 1943	Separate system of sewers	4s 1,000 00
Oct.	1, 1943	Building	4s 22,000 00
Oct.	1, 1943	Separate system of sewers	4s 1,000 00
Oct.	1, 1943	Separate system of sewers	4s 1,000 00
Oct.	1, 1943	Sixth Street Bridge	4s 2,000 00
Oct.	1, 1943	Building	4 $\frac{1}{4}$ s 2,500 00
Oct.	1, 1943	Sewer separate system	4 $\frac{1}{4}$ s 500 00
Oct.	1, 1943	Sewer	3 $\frac{1}{2}$ s 3,000 00
Oct.	1, 1943	Building (Schoolhouse)	2s 26,000 00
Oct.	1, 1943	Schoolhouse	2s 11,000 00
Oct.	1, 1943	Building (Library)	2s 2,000 00
Oct.	1, 1943	Building (Garage)	2s 6,000 00
Oct.	1, 1943	Hospital	2s 9,000 00
Oct.	1, 1943	Building (Incinerator)	2s 8,000 00
Nov.	1, 1943	Charles River Bridge, Acts of 1921 ..	4 $\frac{1}{2}$ s 18,000 00
Nov.	1, 1943	Sewer	2 $\frac{1}{2}$ s 3,000 00
Nov.	1, 1943	Municipal Relief	2s 20,000 00
Dec.	1, 1943	Sewer separate system	4s 500 00
Dec.	1, 1943	Sewer construction	4 $\frac{1}{2}$ s 500 00
Dec.	1, 1943	City of Cambridge, Charles River	
		Bridge, Acts of 1921	3 $\frac{3}{4}$ s 5,000 00
Dec.	1, 1943	Building	3 $\frac{3}{4}$ s 6,000 00
Dec.	1, 1943	Third Street Bridge	3 $\frac{3}{4}$ s 2,500 00
Dec.	1, 1943	Schoolhouse	4 $\frac{1}{4}$ s 31,000 00
Dec.	1, 1943	Building	4 $\frac{1}{4}$ s 2,000 00
Dec.	1, 1943	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s 30,000 00
Dec.	1, 1943	Schoolhouse, Acts of 1928	4 $\frac{1}{2}$ s 20,000 00
Dec.	1, 1943	Street	2 $\frac{1}{2}$ s 5,000 00
Dec.	1, 1943	Municipal Relief	1 $\frac{3}{4}$ s 15,000 00
Dec.	1, 1943	Street	2s 40 000,00
Dec.	1, 1943	T. B. Hospital	1 $\frac{3}{4}$ s 12,000 00
Jan.	1, 1944	Sewer	4s 500 00
Jan.	1, 1944	Street	2 $\frac{1}{2}$ s 10,000 00
Feb.	1, 1944	School Loan Act of 1928	5s 44,000 00
Feb.	1, 1944	Building	3 $\frac{1}{4}$ s 13,000 00
Feb.	1, 1944	Building	3 $\frac{1}{2}$ s 11,000 00
Feb.	1, 1944	Sewer	2 $\frac{1}{2}$ s 7,000 00
Mar.	1, 1944	Land for playground	4s 500 00
Mar.	1, 1944	Sewer separate system	4s 1,500 00
Mar.	1, 1944	Sewer separate system	4s 2,000 00
Mar.	1, 1944	Sewer separate system	3 $\frac{3}{4}$ s 3,000 00
Mar.	1, 1944	Sewer separate system	4 $\frac{1}{4}$ s 3,000 00
Mar.	1, 1944	School	4s 1,000 00
Mar.	1, 1944	Separate system of sewers	4s 3,000 00
Mar.	1, 1944	Sewer	2 $\frac{3}{4}$ s 3,000 00
Mar.	1, 1944	Sewer	2 $\frac{1}{2}$ s 4,000 00
April	1, 1944	Street	3s 20,000 00
April	1, 1944	Sewer	3 $\frac{1}{4}$ s 2,000 00
May	1, 1944	Sewer	3 $\frac{1}{2}$ s 500 00
May	1, 1944	Cambridge Bridge	4s 2,000 00
June	1, 1944	Sewer construction	4s 500 00
June	1, 1944	Sewer separate system	4s 500 00
June	1, 1944	Sewer separate system	4 $\frac{1}{4}$ s 1,500 00
July	1, 1944	Sewer	4s 500 00
<i>Amount carried forward</i>			\$4,874,000 00

<i>Amount brought forward</i>			\$4,874,000 00
July 1, 1944	Sewer separate system.....	4s	\$500 00
July 1, 1944	Sewer separate system.....	4s	1,000 00
July 1, 1944	Sewer.....	4½s	1,000 00
July 1, 1944	Playground.....	4s	500 00
July 1, 1944	School.....	4s	33,000 00
July 1, 1944	Street.....	2½s	20,000 00
July 15, 1944	Sewer construction.....	4s	1,000 00
July 15, 1944	Sewer separate system.....	4s	1,000 00
Aug. 1, 1944	Sewer.....	3¾s	2,000 00
Aug. 1, 1944	Sewer.....	4½s	2,000 00
Aug. 1, 1944	Municipal Relief, Act of 1936.....	1¾s	25,000 00
Aug. 1, 1944	Municipal Relief.....	1½s	30,000 00
Aug. 1, 1944	Sewer.....	2¼s	4,000 00
Sept. 1, 1944	Park.....	4s	1,000 00
Sept. 1, 1944	Sewer separate system.....	4½s	3,000 00
Sept. 1, 1944	Municipal Relief.....	1½s	10,000 00
Oct. 1, 1944	Sewer construction.....	4½s	1,500 00
Oct. 1, 1944	Sewer.....	5s	1,000 00
Oct. 1, 1944	Sewer.....	5s	500 00
Oct. 1, 1944	Sewer construction.....	4½s	2,000 00
Oct. 1, 1944	Sewer separate system.....	4½s	1,500 00
Oct. 1, 1944	Sewer construction.....	4s	500 00
Oct. 1, 1944	Sewer separate system.....	4s	1,000 00
Oct. 1, 1944	Land for playground.....	4s	1,000 00
Oct. 1, 1944	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1944	Land for playground.....	4¼s	500 00
Oct. 1, 1944	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1944	City of Cambridge, Charles River Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1944	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1944	Building.....	4s	22,000 00
Oct. 1, 1944	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1944	Schoolhouse.....	4s	1,000 00
Oct. 1, 1944	Sixth Street Bridge.....	4s	2,000 00
Oct. 1, 1944	Building.....	4¼s	2,500 00
Oct. 1, 1944	Sewer separate system.....	4¼s	500 00
Oct. 1, 1944	Sewer.....	3½s	3,000 00
Oct. 1, 1944	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1944	Schoolhouse.....	2s	11,000 00
Oct. 1, 1944	Building (Library).....	2s	2,000 00
Oct. 1, 1944	Building (Garage).....	2s	5,000 00
Oct. 1, 1944	Hospital.....	2s	9,000 00
Oct. 1, 1944	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1944	Charles River Bridge, Acts of 1921.....	4½s	18,000 00
Nov. 1, 1944	Sewer.....	2½s	3,000 00
Nov. 1, 1944	Municipal Relief.....	2s	20,000 00
Dec. 1, 1944	Sewer separate system.....	4s	500 00
Dec. 1, 1944	Sewer construction.....	4½s	500 00
Dec. 1, 1944	City of Cambridge, Charles River Bridge, Acts of 1921.....	3¾s	5,000 00
Dec. 1, 1944	Building.....	3¾s	6,000 00
Dec. 1, 1944	Third Street Bridge.....	3¾s	2,500 00
Dec. 1, 1944	Building.....	4¼s	2,000 00
Dec. 1, 1944	City Hospital, Acts of 1929.....	4½s	30,000 00
Dec. 1, 1944	Schoolhouse, Acts of 1928.....	4½s	20,000 00
Dec. 1, 1944	Street.....	2½s	5,000 00
Dec. 1, 1944	Municipal Relief.....	1¾s	15,000 00
<i>Amount carried forward</i>			\$5,250,000 00

<i>Amount brought forward</i>			\$5,250,000 00
Dec. 1, 1944	T. B. Hospital	1 $\frac{3}{4}$ s	\$12,000 00
Jan. 1, 1945	Sewer	4s	500 00
Jan. 1, 1945	Street	2 $\frac{1}{2}$ s	10,000 00
Feb. 1, 1945	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1945	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1945	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1945	Sewer	2 $\frac{1}{2}$ s	7,000 00
Mar. 1, 1945	Land for playground	4s	500 00
Mar. 1, 1945	Sewer separate system	4s	1,500 00
Mar. 1, 1945	Sewer separate system	4s	2,000 00
Mar. 1, 1945	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1945	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1945	School	4s	1,000 00
Mar. 1, 1945	Separate system of sewers	4s	3,000 00
Mar. 1, 1945	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1945	Sewer	2 $\frac{1}{2}$ s	4,000 00
April 1, 1945	Sewer	3 $\frac{1}{4}$ s	2,000 00
May 1, 1945	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1945	Cambridge Bridge	4s	2,000 00
June 1, 1945	Sewer separate system	4s	500 00
June 1, 1945	Sewer construction	4s	500 00
June 1, 1945	Sewer separate system	4s	1,500 00
July 1, 1945	Sewer	4s	500 00
July 1, 1945	Sewer separate system	4s	500 00
July 1, 1945	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1945	Playground	4s	500 00
July 1, 1945	School	4s	33,000 00
July 15, 1945	Sewer construction	4s	1,000 00
July 15, 1945	Sewer separate system	4s	1,000 00
Aug. 1, 1945	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1945	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1945	Municipal Relief, Act of 1936	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1945	Municipal Relief	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1945	Sewer	2 $\frac{1}{4}$ s	4,000 00
Sept. 1, 1945	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1945	Municipal Relief	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1945	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1945	Sewer	5s	1,000 00
Oct. 1, 1945	Sewer	5s	500 00
Oct. 1, 1945	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1945	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1945	Sewer construction	4s	500 00
Oct. 1, 1945	Sewer separate system	4s	1,000 00
Oct. 1, 1945	Land for playground	4s	1,000 00
Oct. 1, 1945	Separate system of sewers	4s	2,500 00
Oct. 1, 1945	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1945	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1945	Separate system of sewers	4s	1,000 00
Oct. 1, 1945	Building	4s	22,000 00
Oct. 1, 1945	Separate system of sewers	4s	1,000 00
Oct. 1, 1945	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1945	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1945	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1945	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1945	Schoolhouse	2s	11,000 00
<i>Amount carried forward</i>			\$5,574,500 00

<i>Amount brought forward</i>			\$5,574,500 00
Oct. 1, 1945	Building (Library).....	2s	\$2,000 00
Oct. 1, 1945	Building (Garage).....	2s	5,000 00
Oct. 1, 1945	Hospital.....	2s	9,000 00
Oct. 1, 1945	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1945	Charles River Bridge, Acts of 1921	4½s	18,000 00
Nov. 1, 1945	Sewer.....	2½s	3,000 00
Nov. 1, 1945	Municipal Relief.....	2s	20,000 00
Dec. 1, 1945	Sewer construction.....	4½s	500 00
Dec. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921.....	3¾s	5,000 00
Dec. 1, 1945	Building.....	3¾s	6,000 00
Dec. 1, 1945	Third Street Bridge.....	3¾s	2,500 00
Dec. 1, 1945	Building.....	4¼s	2,000 00
Dec. 1, 1945	Municipal Relief.....	1¾s	15,000 00
Dec. 1, 1945	T. B. Hospital.....	1¾s	12,000 00
Jan. 1, 1946	Sewer.....	4s	500 00
Feb. 1, 1946	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1946	Building.....	3¼s	13,000 00
Feb. 1, 1946	Building.....	3½s	11,000 00
Feb. 1, 1946	Sewer.....	2½s	7,000 00
Mar. 1, 1946	Land for playground.....	4s	500 00
Mar. 1, 1946	Sewer separate system.....	4s	1,500 00
Mar. 1, 1946	Sewer separate system.....	4s	2,000 00
Mar. 1, 1946	Sewer separate system.....	3¾s	3,000 00
Mar. 1, 1946	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1946	School.....	4s	1,000 00
Mar. 1, 1946	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1946	Sewer.....	2¾s	3,000 00
Mar. 1, 1946	Sewer.....	2½s	4,000 00
April 1, 1946	Sewer.....	3¼s	2,000 00
May 1, 1946	Sewer.....	3½s	500 00
June 1, 1946	Sewer construction.....	4s	500 00
June 1, 1946	Sewer separate system.....	4s	500 00
June 1, 1946	Sewer separate system.....	4¼s	1,500 00
July 1, 1946	Sewer.....	4½s	1,000 00
July 15, 1946	Sewer construction.....	4s	1,000 00
July 15, 1946	Sewer separate system.....	4s	1,000 00
Aug. 1, 1946	Sewer.....	4½s	2,000 00
Aug. 1, 1946	Sewer.....	3¾s	2,000 00
Aug. 1, 1946	Municipal Relief, Act of 1936.....	1¾s	25,000 00
Aug. 1, 1946	Municipal Relief.....	1½s	30,000 00
Aug. 1, 1946	Sewer.....	2¼s	4,000 00
Sept. 1, 1946	Sewer separate system.....	4½s	3,000 00
Sept. 1, 1946	Municipal Relief.....	1½s	10,000 00
Oct. 1, 1946	Sewer construction.....	4½s	1,500 00
Oct. 1, 1946	Sewer.....	5s	1,000 00
Oct. 1, 1946	Sewer.....	5s	500 00
Oct. 1, 1946	Sewer construction.....	4½s	2,000 00
Oct. 1, 1946	Sewer.....	3½s	2,000 00
Oct. 1, 1946	Sewer separate system.....	4½s	1,500 00
Oct. 1, 1946	Sewer construction.....	4s	500 00
Oct. 1, 1946	Sewer separate system.....	4s	1,000 00
Oct. 1, 1946	Land for playground.....	4s	1,000 00
Oct. 1, 1946	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1946	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1946	Land for playground.....	4¼s	500 00
Oct. 1, 1946	Sewer separate system.....	4¼s	2,500 00
<i>Amount carried forward</i>			\$5,880,500 00

<i>Amount brought forward</i>			\$5,880,500 00
Oct. 1, 1946	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	4s	\$5,000 00
Oct. 1, 1946	Building.....	4s	22,000 00
Oct. 1, 1946	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1946	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1946	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1946	Schoolhouse.....	2s	11,000 00
Oct. 1, 1946	Building (Library).....	2s	2,000 00
Oct. 1, 1946	Building (Garage).....	2s	5,000 00
Oct. 1, 1946	Hospital.....	2s	9,000 00
Oct. 1, 1946	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1946	Charles River Bridge, Acts of 1921 ..	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1946	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1946	Municipal Relief.....	2s	20,000 00
Dec. 1, 1946	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1946	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1946	Building.....	3 $\frac{3}{4}$ s	6,000 00
Dec. 1, 1946	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1946	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1946	Municipal Relief.....	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1946	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1947	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1947	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1947	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1947	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Mar. 1, 1947	Land for playground.....	4s	500 00
Mar. 1, 1947	Sewer separate system.....	4s	1,500 00
Mar. 1, 1947	Sewer separate system.....	4s	2,000 00
Mar. 1, 1947	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1947	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1947	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1947	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1947	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1947	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
June 1, 1947	Sewer construction.....	4s	500 00
June 1, 1947	Sewer separate system.....	4s	500 00
June 1, 1947	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
July 1, 1947	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 15, 1947	Sewer construction.....	4s	1,000 00
July 15, 1947	Sewer separate system.....	4s	1,000 00
Aug. 1, 1947	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1947	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1947	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1947	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Sept. 1, 1947	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1947	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1947	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1947	Sewer.....	5s	1,000 00
Oct. 1, 1947	Sewer.....	5s	500 00
Oct. 1, 1947	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1947	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1947	Sewer construction.....	4s	500 00
Oct. 1, 1947	Sewer separate system.....	4s	1,000 00
Oct. 1, 1947	Land for playground.....	4s	1,000 00
Oct. 1, 1947	Separate system of sewers.....	4s	2,500 00
<i>Amount carried forward</i>			\$6,220,500 00

<i>Amount brought forward</i>			\$6,220,500 00
Oct. 1, 1947	Land for playground.....	4½s	\$500 00
Oct. 1, 1947	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1947	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1947	Building.....	4s	22,000 00
Oct. 1, 1947	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1947	Building.....	4¼s	2,500 00
Oct. 1, 1947	Sewer separate system.....	4¼s	500 00
Oct. 1, 1947	Sewer.....	3½s	2,000 00
Oct. 1, 1947	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1947	Schoolhouse.....	2s	11,000 00
Oct. 1, 1947	Building (Library).....	2s	2,000 00
Oct. 1, 1947	Building (Garage).....	2s	5,000 00
Oct. 1, 1947	Hospital.....	2s	9,000 00
Oct. 1, 1947	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1947	Charles River Bridge, Acts of 1921..	4½s	18,000 00
Nov. 1, 1947	Sewer.....	2½s	3,000 00
Nov. 1, 1947	Municipal Relief.....	2s	20,000 00
Dec. 1, 1947	Sewer construction.....	4½s	500 00
Dec. 1, 1947	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	3¾s	5,000 00
Dec. 1, 1947	Building.....	3¾s	6,000 00
Dec. 1, 1947	Third Street Bridge.....	3¾s	2,500 00
Dec. 1, 1947	Building.....	4¼s	2,000 00
Dec. 1, 1947	Municipal Relief.....	1¾s	15,000 00
Dec. 1, 1947	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1948	Building.....	3¼s	13,000 00
Feb. 1, 1948	Building.....	3½s	11,000 00
Feb. 1, 1948	Sewer.....	2½s	7,000 00
Mar. 1, 1948	Sewer separate system.....	4s	1,500 00
Mar. 1, 1948	Sewer separate system.....	4s	2,000 00
Mar. 1, 1948	Sewer separate system.....	3¾s	3,000 00
Mar. 1, 1948	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1948	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1948	Sewer.....	2¾s	3,000 00
Mar. 1, 1948	Sewer.....	2½s	3,000 00
April 1, 1948	Sewer.....	3¼s	2,000 00
June 1, 1948	Sewer construction.....	4s	500 00
June 1, 1948	Sewer separate system.....	4s	500 00
June 1, 1948	Sewer separate system.....	4¼s	1,500 00
July 15, 1948	Sewer construction.....	4s	1,000 00
July 15, 1948	Sewer separate system.....	4s	1,000 00
Aug. 1, 1948	Sewer.....	4½s	2,000 00
Aug. 1, 1948	Sewer.....	3¾s	2,000 00
Aug. 1, 1948	Municipal Relief.....	1½s	30,000 00
Aug. 1, 1948	Sewer.....	2¼s	4,000 00
Sept. 1, 1948	Sewer separate system.....	4½s	3,000 00
Sept. 1, 1948	Municipal Relief.....	1½s	10,000 00
Oct. 1, 1948	Sewer construction.....	4½s	1,500 00
Oct. 1, 1948	Sewer.....	5s	1,000 00
Oct. 1, 1948	Sewer.....	5s	500 00
Oct. 1, 1948	Sewer construction.....	4½s	2,000 00
Oct. 1, 1948	Sewer separate system.....	4½s	1,500 00
Oct. 1, 1948	Sewer construction.....	4s	500 00
Oct. 1, 1948	Sewer separate system.....	4s	1,000 00
Oct. 1, 1948	Land for playground.....	4s	1,000 00
Oct. 1, 1948	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1948	Land for playground.....	4¼s	500 00
<i>Amount carried forward</i>			\$6,516,500 00

<i>Amount brought forward</i>			\$6,516,500 00
Oct. 1, 1948	Sewer separate system	4 $\frac{1}{4}$ s	\$2,500 00
Oct. 1, 1948	Separate system of sewers	4s	1,000 00
Oct. 1, 1948	Separate system of sewers	4s	1,000 00
Oct. 1, 1948	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1948	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1948	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1948	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1948	Schoolhouse	2s	11,000 00
Oct. 1, 1948	Building (Library)	2s	2,000 00
Oct. 1, 1948	Building (Garage)	2s	5,000 00
Oct. 1, 1948	Hospital	2s	9,000 00
Oct. 1, 1948	Building (Incinerator)	2s	8,000 00
Nov. 1, 1948	Charles River Bridge, Acts of 1921 ..	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1948	Sewer	2 $\frac{1}{2}$ s	3,000 00
Dec. 1, 1948	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1948	Building	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1948	Municipal Relief	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1948	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1949	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1949	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1949	Sewer	2 $\frac{1}{2}$ s	7,000 00
Mar. 1, 1949	Sewer separate system	4s	1,500 00
Mar. 1, 1949	Sewer separate system	4s	2,000 00
Mar. 1, 1949	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1949	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1949	Separate system of sewers	4s	3,000 00
Mar. 1, 1949	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1949	Sewer	2 $\frac{1}{2}$ s	3,000 00
April 1, 1949	Sewer	3 $\frac{1}{4}$ s	2,000 00
June 1, 1949	Sewer construction	4s	500 00
June 1, 1949	Sewer separate system	4s	500 00
June 1, 1949	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
July 15, 1949	Sewer construction	4s	1,000 00
July 15, 1949	Sewer separate system	4s	1,000 00
Aug. 1, 1949	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1949	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1949	Sewer	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1949	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1949	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1949	Sewer	5s	1,000 00
Oct. 1, 1949	Sewer	5s	500 00
Oct. 1, 1949	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1949	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1949	Sewer construction	4s	500 00
Oct. 1, 1949	Sewer separate system	4s	1,000 00
Oct. 1, 1949	Separate system of sewers	4s	2,500 00
Oct. 1, 1949	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1949	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1949	Separate system of sewers	4s	1,000 00
Oct. 1, 1949	Separate system of sewers	4s	1,000 00
Oct. 1, 1949	Land for playground	4s	1,000 00
Oct. 1, 1949	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1949	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1949	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1949	Schoolhouse	2s	11,000 00
Oct. 1, 1949	Building (Library)	2s	1,000 00
Oct. 1, 1949	Building (Garage)	2s	5,000 00
<i>Amount carried forward</i>			\$6,764,500 00

<i>Amount brought forward</i>			\$6,764,500 00
Oct. 1, 1949	Hospital	2s	\$9,000 00
Oct. 1, 1949	Building (Incinerator)	2s	7,000 00
Nov. 1, 1949	Charles River Bridge, Acts of 1921	4½s	18,000 00
Nov. 1, 1949	Sewer	2½s	3,000 00
Dec. 1, 1949	T. B. Hospital	1¾s	12,000 00
Feb. 1, 1950	Building	3¼s	13,000 00
Feb. 1, 1950	Building	3½s	11,000 00
Feb. 1, 1950	Sewer	2½s	7,000 00
Mar. 1, 1950	Sewer separate system	4s	1,500 00
Mar. 1, 1950	Sewer separate system	4s	2,000 00
Mar. 1, 1950	Sewer separate system	3¾s	3,000 00
Mar. 1, 1950	Sewer separate system	4¼s	3,000 00
Mar. 1, 1950	Separate system of sewers	4s	3,000 00
Mar. 1, 1950	Sewer	2¾s	3,000 00
Mar. 1, 1950	Sewer	2½s	3,000 00
April 1, 1950	Sewer	3¼s	2,000 00
June 1, 1950	Sewer construction	4s	500 00
June 1, 1950	Sewer separate system	4s	500 00
June 1, 1950	Sewer separate system	4¼s	1,500 00
July 15, 1950	Sewer construction	4s	1,000 00
July 15, 1950	Sewer separate system	4s	1,000 00
Aug. 1, 1950	Sewer	4½s	2,000 00
Aug. 1, 1950	Sewer	3¾s	2,000 00
Aug. 1, 1950	Sewer	2¼s	3,000 00
Sept. 1, 1950	Sewer separate system	4½s	3,000 00
Oct. 1, 1950	Sewer	5s	1,000 00
Oct. 1, 1950	Sewer	5s	500 00
Oct. 1, 1950	Sewer construction	4½s	2,000 00
Oct. 1, 1950	Sewer separate system	4½s	1,500 00
Oct. 1, 1950	Sewer construction	4s	500 00
Oct. 1, 1950	Sewer separate system	4s	1,000 00
Oct. 1, 1950	Sewer separate system	4s	2,500 00
Oct. 1, 1950	Land for playground	4¼s	500 00
Oct. 1, 1950	Sewer separate system	4¼s	2,500 00
Oct. 1, 1950	Separate system of sewers	4s	1,000 00
Oct. 1, 1950	Separate system of sewers	4s	1,000 00
Oct. 1, 1950	Sewer separate system	4¼s	500 00
Oct. 1, 1950	Sewer	3½s	2,000 00
Oct. 1, 1950	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1950	Schoolhouse	2s	11,000 00
Oct. 1, 1950	Building (Library)	2s	1,000 00
Oct. 1, 1950	Building (Garage)	2s	5,000 00
Oct. 1, 1950	Hospital	2s	9,000 00
Oct. 1, 1950	Building (Incinerator)	2s	7,000 00
Nov. 1, 1950	Sewer	2½s	3,000 00
Dec. 1, 1950	T. B. Hospital	1¾s	12,000 00
Feb. 1, 1951	Building	3¼s	13,000 00
Feb. 1, 1951	Building	3½s	11,000 00
Feb. 1, 1951	Sewer	2½s	7,000 00
Mar. 1, 1951	Sewer separate system	4s	1,500 00
Mar. 1, 1951	Sewer separate system	4s	2,000 00
Mar. 1, 1951	Sewer separate system	3¾s	3,000 00
Mar. 1, 1951	Sewer separate system	4¼s	3,000 00
Mar. 1, 1951	Sewer separate system	4¼s	3,000 00
Mar. 1, 1951	Sewer	2½s	3,000 00
Mar. 1, 1951	Sewer	2¾s	2,000 00
April 1, 1951	Sewer	3¼s	2,000 00
<i>Amount carried forward</i>			\$7,019,500 00

Amount brought forward..... \$7,019,500 00

June 1, 1951	Sewer construction.....	4s	\$500 00
June 1, 1951	Sewer separate system.....	4s	500 00
June 1, 1951	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
July 15, 1951	Sewer construction.....	4s	1,000 00
July 15, 1951	Sewer separate system.....	4s	1,000 00
Aug. 1, 1951	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1951	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1951	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1951	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1951	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1951	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1951	Sewer construction.....	4s	500 00
Oct. 1, 1951	Sewer separate system.....	4s	1,000 00
Oct. 1, 1951	Sewer separate system.....	4s	2,500 00
Oct. 1, 1951	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1951	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1951	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1951	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1951	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1951	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1951	Schoolhouse.....	2s	11,000 00
Oct. 1, 1951	Building (Library).....	2s	1,000 00
Oct. 1, 1951	Building (Garage).....	2s	5,000 00
Oct. 1, 1951	Hospital.....	2s	9,000 00
Oct. 1, 1951	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1951	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1951	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1952	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1952	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1952	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Mar. 1, 1952	Sewer separate system.....	4s	1,500 00
Mar. 1, 1952	Sewer separate system.....	4s	2,000 00
Mar. 1, 1952	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1952	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1952	Sewer separate system.....	4s	3,000 00
Mar. 1, 1952	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1952	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1952	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
June 1, 1952	Sewer construction.....	4s	500 00
June 1, 1952	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1952	Sewer separate system.....	4s	500 00
July 15, 1952	Sewer construction.....	4s	1,000 00
July 15, 1952	Sewer separate system.....	4s	1,000 00
Aug. 1, 1952	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1952	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1952	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1952	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1952	Sewer construction.....	4s	500 00
Oct. 1, 1952	Sewer separate system.....	4s	1,000 00
Oct. 1, 1952	Sewer separate system.....	4s	2,500 00
Oct. 1, 1952	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1952	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1952	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1952	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1952	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1952	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1952	Schoolhouse.....	2s	10,000 00

Amount carried forward..... \$7,231,500 00

<i>Amount brought forward</i>			\$7,231,500 00
Oct. 1, 1952	Building (Library).....	2s	\$1,000 00
Oct. 1, 1952	Building (Garage).....	2s	5,000 00
Oct. 1, 1952	Hospital.....	2s	9,000 00
Oct. 1, 1952	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1952	Sewer.....	2½s	2,000 00
Dec. 1, 1952	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1953	Building.....	3¼s	13,000 00
Feb. 1, 1953	Building.....	3½s	11,000 00
Feb. 1, 1953	Sewer.....	2½s	7,000 00
Mar. 1, 1953	Sewer separate system.....	4s	1,500 00
Mar. 1, 1953	Sewer separate system.....	4s	2,000 00
Mar. 1, 1953	Sewer separate system.....	3¾s	3,000 00
Mar. 1, 1953	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1953	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1953	Sewer.....	2¾s	2,000 00
Mar. 1, 1953	Sewer.....	2½s	3,000 00
April 1, 1953	Sewer.....	3¼s	2,000 00
June 1, 1953	Sewer separate system.....	4¼s	1,500 00
July 15, 1953	Sewer construction.....	4s	1,000 00
July 15, 1953	Sewer separate system.....	4s	1,000 00
Aug. 1, 1953	Sewer.....	4½s	1,000 00
Aug. 1, 1953	Sewer.....	3¾s	2,000 00
Aug. 1, 1953	Sewer.....	2¼s	3,000 00
Sept. 1, 1953	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1953	Sewer separate system.....	4s	2,500 00
Oct. 1, 1953	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1953	Separate system of sewers.....	4s	1 000 00
Oct. 1, 1953	Sewer separate system.....	4¼s	500 00
Oct. 1, 1953	Sewer.....	3½s	2,000 00
Oct. 1, 1953	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1953	Schoolhouse.....	2s	10,000 00
Oct. 1, 1953	Building (Library).....	2s	1,000 00
Oct. 1, 1953	Building (Garage).....	2s	5,000 00
Oct. 1, 1953	Hospital.....	2s	9,000 00
Oct. 1, 1953	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1953	Sewer.....	2½s	2,000 00
Dec. 1, 1953	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1954	Sewer.....	2½s	7,000 00
Mar. 1, 1954	Sewer separate system.....	4s	1,500 00
Mar. 1, 1954	Sewer separate system.....	4s	2,000 00
Mar. 1, 1954	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1954	Sewer separate system.....	4s	3,000 00
Mar. 1, 1954	Sewer.....	2¾s	2,000 00
Mar. 1, 1954	Sewer.....	2½s	3,000 00
April 1, 1954	Sewer.....	3¼s	2,000 00
Aug. 1, 1954	Sewer.....	4½s	1,000 00
Aug. 1, 1954	Sewer.....	3¾s	1,000 00
Aug. 1, 1954	Sewer.....	2¼s	3,000 00
Sept. 1, 1954	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1954	Sewer.....	3½s	2,000 00
Oct. 1, 1954	Sewer separate system.....	4s	2,500 00
Oct. 1, 1954	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1954	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1954	Sewer separate system.....	4¼s	500 00
Oct. 1, 1954	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1954	Schoolhouse.....	2s	10,000 00
Oct. 1, 1954	Building (Library).....	2s	1,000 00
<i>Amount carried forward</i>			\$7,486,000 00

Amount brought forward \$7,486,000 00

Oct. 1, 1954	Building (Garage).....	2s	\$5,000 00
Oct. 1, 1954	Hospital.....	2s	9,000 00
Oct. 1, 1954	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1954	Sewer.....	2½s	2,000 00
Dec. 1, 1954	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1955	Sewer.....	2½s	7,000 00
Mar. 1, 1955	Sewer separate system.....	4s	1,500 00
Mar. 1, 1955	Sewer separate system.....	4s	2,000 00
Mar. 1, 1955	Sewer separate system.....	4½s	3,000 00
Mar. 1, 1955	Sewer separate system.....	4s	3,000 00
Mar. 1, 1955	Sewer.....	2¾s	2,000 00
Mar. 1, 1955	Sewer.....	2½s	3,000 00
April 1, 1955	Sewer.....	3¼s	1,000 00
Aug. 1, 1955	Sewer.....	4½s	1,000 00
Aug. 1, 1955	Sewer.....	3¾s	1,000 00
Aug. 1, 1955	Sewer.....	2¼s	3,000 00
Sept. 1, 1955	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1955	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1955	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1955	Sewer separate system.....	4¼s	500 00
Oct. 1, 1955	Sewer.....	3½s	2,000 00
Oct. 1, 1955	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1955	Schoolhouse.....	2s	10,000 00
Oct. 1, 1955	Building (Library).....	2s	1,000 00
Oct. 1, 1955	Building (Garage).....	2s	5,000 00
Oct. 1, 1955	Hospital.....	2s	9,000 00
Oct. 1, 1955	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1955	Sewer.....	2½s	2,000 00
Dec. 1, 1955	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1956	Sewer.....	2½s	7,000 00
Mar. 1, 1956	Sewer separate system.....	4s	1,500 00
Mar. 1, 1956	Sewer separate system.....	4s	2,000 00
Mar. 1, 1956	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1956	Sewer separate system.....	4s	3,000 00
Mar. 1, 1956	Sewer.....	2¾s	2,000 00
Mar. 1, 1956	Sewer.....	2½s	3,000 00
April 1, 1956	Sewer.....	3¼s	1,000 00
Aug. 1, 1956	Sewer.....	4½s	1,000 00
Aug. 1, 1956	Sewer.....	3¾s	1,000 00
Aug. 1, 1956	Sewer.....	2¼s	3,000 00
Sept. 1, 1956	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1956	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1956	Sewer separate system.....	4¼s	500 00
Oct. 1, 1956	Sewer.....	3½s	2,000 00
Oct. 1, 1956	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1956	Schoolhouse.....	2s	10,000 00
Oct. 1, 1956	Building (Library).....	2s	1,000 00
Oct. 1, 1956	Building (Garage).....	2s	5,000 00
Oct. 1, 1956	Hospital.....	2s	9,000 00
Oct. 1, 1956	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1956	Sewer.....	2½s	2,000 00
Dec. 1, 1956	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1957	Sewer.....	2½s	7,000 00
Mar. 1, 1957	Sewer separate system.....	4s	2,000 00
Mar. 1, 1957	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1957	Sewer separate system.....	4s	3,000 00
Mar. 1, 1957	Sewer.....	2¾s	2,000 00

Amount carried forward \$7,750,500 00

<i>Amount brought forward</i>			\$7,750,500 00
Mar. 1, 1957	Sewer	2½s	\$3,000 00
April 1, 1957	Sewer	3¼s	1,000 00
Aug. 1, 1957	Sewer	3¾s	1,000 00
Aug. 1, 1957	Sewer	4½s	1,000 00
Aug. 1, 1957	Sewer	2¼s	3,000 00
Sept. 1, 1957	Sewer separate system	4½s	3,000 00
Oct. 1, 1957	Sewer separate system	4¼s	500 00
Oct. 1, 1957	Sewer	3½s	2,000 00
Oct. 1, 1957	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1957	Schoolhouse	2s	10,000 00
Oct. 1, 1957	Building (Library)	2s	1,000 00
Oct. 1, 1957	Building (Garage)	2s	5,000 00
Oct. 1, 1957	Hospital	2s	9,000 00
Oct. 1, 1957	Building (Incinerator)	2s	7,000 00
Nov. 1, 1957	Sewer	2½s	2,000 00
Dec. 1, 1957	T. B. Hospital	1¾s	12,000 00
Feb. 1, 1958	Sewer	2½s	6,000 00
Mar. 1, 1958	Sewer	2½s	3,000 00
Mar. 1, 1958	Sewer separate system	4¼s	3,000 00
Mar. 1, 1958	Sewer separate system	4s	3,000 00
Mar. 1, 1958	Sewer	2¾s	2,000 00
April 1, 1958	Sewer	3¼s	1,000 00
Aug. 1, 1958	Sewer	4½s	1,000 00
Aug. 1, 1958	Sewer	3¾s	1,000 00
Aug. 1, 1958	Sewer	2¼s	3,000 00
Sept. 1, 1958	Sewer separate system	4½s	3,000 00
Oct. 1, 1958	Sewer separate system	4¼s	500 00
Oct. 1, 1958	Sewer	3½s	2,000 00
Oct. 1, 1958	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1958	Schoolhouse	2s	10,000 00
Oct. 1, 1958	Building (Library)	2s	1,000 00
Oct. 1, 1958	Building (Garage)	2s	5,000 00
Oct. 1, 1958	Hospital	2s	9,000 00
Oct. 1, 1958	Building (Incinerator)	2s	7,000 00
Nov. 1, 1958	Sewer	2½s	2,000 00
Dec. 1, 1958	T. B. Hospital	1¾s	12,000 00
Feb. 1, 1959	Sewer	2½s	6,000 00
Mar. 1, 1959	Sewer separate system	4¼s	3,000 00
Mar. 1, 1959	Sewer separate system	4s	3,000 00
Mar. 1, 1959	Sewer	2¾s	2,000 00
Mar. 1, 1959	Sewer	2½s	3,000 00
April 1, 1959	Sewer	3¼s	1,000 00
Aug. 1, 1959	Sewer	4½s	1,000 00
Aug. 1, 1959	Sewer	3¾s	1,000 00
Aug. 1, 1959	Sewer	2¼s	3,000 00
Sept. 1, 1959	Sewer separate system	4½s	3,000 00
Oct. 1, 1959	Sewer	3½s	2,000 00
Nov. 1, 1959	Sewer	2½s	2,000 00
Feb. 1, 1960	Sewer	2½s	6,000 00
Mar. 1, 1960	Sewer separate system	4¼s	3,000 00
Mar. 1, 1960	Sewer separate system	4s	3,000 00
Mar. 1, 1960	Sewer	2¾s	2,000 00
Mar. 1, 1960	Sewer	2½s	3,000 00
April 1, 1960	Sewer	3¼s	1,000 00
Aug. 1, 1960	Sewer	4½s	1,000 00
Aug. 1, 1960	Sewer	3¾s	1,000 00
Aug. 1, 1960	Sewer	2¼s	3,000 00

Amount carried forward..... \$7,988,500 00

<i>Amount brought forward</i>			\$7,988,500 00
Oct. 1, 1960	Sewer.....	3 1/2s	\$2,000 00
Nov. 1, 1960	Sewer.....	2 1/2s	2,000 00
Feb. 1, 1961	Sewer.....	2 1/2s	6,000 00
Mar. 1, 1961	Sewer separate system.....	4s	3,000 00
Mar. 1, 1961	Sewer.....	2 3/4s	2,000 00
Mar. 1, 1961	Sewer.....	2 1/2s	3,000 00
April 1, 1961	Sewer.....	3 1/4s	1,000 00
Aug. 1, 1961	Sewer.....	4 1/2s	1,000 00
Aug. 1, 1961	Sewer.....	3 3/4s	1,000 00
Aug. 1, 1961	Sewer.....	2 1/4s	3,000 00
Oct. 1, 1961	Sewer.....	3 1/2s	2,000 00
Nov. 1, 1961	Sewer.....	2 1/2s	2,000 00
Feb. 1, 1962	Sewer.....	2 1/2s	6,000 00
Mar. 1, 1962	Sewer.....	2 3/4s	2,000 00
Mar. 1, 1962	Sewer.....	2 1/2s	3,000 00
April 1, 1962	Sewer.....	3 1/4s	1,000 00
Aug. 1, 1962	Sewer.....	4 1/2s	1,000 00
Aug. 1, 1962	Sewer.....	3 3/4s	1,000 00
Aug. 1, 1962	Sewer.....	2 1/4s	3,000 00
Oct. 1, 1962	Sewer.....	3 1/2s	2,000 00
Nov. 1, 1962	Sewer.....	2 1/2s	2,000 00
Feb. 1, 1963	Sewer.....	2 1/2s	6,000 00
Mar. 1, 1963	Sewer.....	2 3/4s	2,000 00
Mar. 1, 1963	Sewer.....	2 1/2s	3,000 00
April 1, 1963	Sewer.....	3 1/4s	1,000 00
Aug. 1, 1963	Sewer.....	3 3/4s	1,000 00
Aug. 1, 1963	Sewer.....	2 1/4s	3,000 00
Oct. 1, 1963	Sewer.....	3 1/2s	2,000 00
Nov. 1, 1963	Sewer.....	2 1/2s	2,000 00
Feb. 1, 1964	Sewer.....	2 1/2s	6,000 00
Mar. 1, 1964	Sewer.....	2 3/4s	2,000 00
Mar. 1, 1964	Sewer.....	2 1/2s	3,000 00
April 1, 1964	Sewer.....	3 1/4s	1,000 00
Aug. 1, 1964	Sewer.....	2 1/4s	3,000 00
Oct. 1, 1964	Sewer.....	3 1/2s	2,000 00
Nov. 1, 1964	Sewer.....	2 1/2s	2,000 00
Feb. 1, 1965	Sewer.....	2 1/2s	6,000 00
Mar. 1, 1965	Sewer.....	2 3/4s	2,000 00
Mar. 1, 1965	Sewer.....	2 1/2s	3,000 00
Aug. 1, 1965	Sewer.....	2 1/4s	3,000 00
Nov. 1, 1965	Sewer.....	2 1/2s	2,000 00
Feb. 1, 1966	Sewer.....	2 1/2s	6,000 00
Mar. 1, 1966	Sewer.....	2 1/2s	3,000 00
Aug. 1, 1966	Sewer.....	2 1/4s	3,000 00
Feb. 1, 1967	Sewer.....	2 1/2s	6,000 00
Aug. 1, 1967	Sewer.....	2 1/4s	3,000 00
Aug. 1, 1968	Sewer.....	2 1/4s	3,000 00

 \$8,116,500 00

The Bonded City Debt matures as follows, *viz.*:

Provided for by Sinking Fund.

July	1, 1939	Cambridge Bridge.....	3½s	\$48,000 00
July	1, 1939	Sewer.....	3½s	2,000 00
Aug.	1, 1939	Park.....	3½s	100,000 00
Jan.	1, 1940	Sewer.....	3½s	46,000 00
May	1, 1940	Sewer.....	4s	15,000 00
May	1, 1940	Sewer.....	4s	25,000 00
July	1, 1940	Playground.....	4s	50,000 00
July	1, 1940	Cambridge Bridge.....	3½s	100,000 00
July	1, 1940	Park.....	3½s	50,000 00
Nov.	1, 1940	Park.....	3½s	50,000 00
Feb.	1, 1941	Cambridge Bridge.....	3s	47,000 00
Mar.	1, 1941	Sewer.....	3½s	10,000 00
Mar.	1, 1941	Sewer.....	3½s	10,000 00
July	1, 1941	Sewer.....	3½s	10,000 00
July	1, 1941	Playground.....	3½s	15,000 00
Oct.	1, 1941	Park.....	3½s	100,000 00
Nov.	1, 1941	Cambridge Bridge.....	3½s	85,000 00
Dec.	1, 1941	Sewer separate system.....	3½s	10,000 00
Dec.	1, 1941	Playground.....	3½s	30,000 00
July	1, 1942	Park.....	3½s	48,000 00
Aug	1, 1942	Cambridge Bridge.....	3½s	94,000 00
Sept.	1, 1942	Sewer.....	3½s	15,000 00
Jan.	1, 1943	Cambridge Bridge.....	3½s	42,000 00
Feb.	1, 1943	Sewer.....	3½s	10,000 00
Feb.	1, 1943	Sewer separate system.....	3½s	10,000 00
April	1, 1943	Cambridge Bridge.....	3½s	35,000 00
April	1, 1943	Park.....	3½s	50,000 00
July	1, 1943	Sewer.....	4s	25,000 00
Jan.	1, 1944	Cambridge Bridge.....	3½s	71,000 00
May	1, 1944	Cambridge Bridge.....	3½s	164,000 00
Aug.	1, 1944	Cambridge Bridge.....	3½s	100,000 00
Sept.	1, 1944	Cambridge Bridge.....	3½s	50,000 00
Sept.	1, 1944	Park.....	3½s	25,000 00
Nov.	1, 1944	Park.....	3½s	6,000 00
April	1, 1945	Park.....	3½s	5,000 00
May	1, 1945	Park.....	3½s	45,000 00
<i>Amount carried forward.....</i>				<u>\$1,598,000 00</u>

The Bonded City Debt matures as follows, *viz.*:

Provided for by Sinking Fund.

<i>Amount brought forward</i>			\$1,598,000 00
May 1, 1945	Cambridge Bridge.....	3½s	\$140,000 00
Aug. 1, 1945	Park.....	3½s	5,000 00
Dec. 1, 1945	Cambridge Bridge.....	3½s	100,000 00
Jan. 1, 1946	Cambridge Bridge.....	3½s	20,000 00
Aug. 1, 1946	Cambridge Bridge.....	4s	100,000 00
Aug. 1, 1946	Commercial Avenue Bridge.....	3½s	50,000 00
Sept. 1, 1946	Park.....	3½s	25,000 00
Sept. 1, 1946	Cambridge Bridge.....	4s	5,000 00
Jan. 1, 1947	Cambridge Bridge.....	3½s	50,000 00
July 1, 1947	Cambridge Bridge.....	4s	40,000 00
Oct. 1, 1947	Cambridge Bridge.....	4s	15,000 00
Oct. 1, 1947	Park.....	4s	10,000 00
Aug. 1, 1948	Cambridge Bridge.....	4s	45,000 00
Aug. 1, 1948	Park.....	4s	30,000 00
Nov. 1, 1948	Park.....	4s	12,000 00
Jan. 1, 1950	Park.....	3½s	8,800 00
July 1, 1950	Cambridge Bridge.....	4s	20,000 00
Mar. 1, 1951	Park.....	3½s	17,000 00
July 1, 1951	Park.....	3½s	7,000 00
Dec. 1, 1951	Park.....	3½s	6,200 00
Dec. 1, 1951	Bridge.....	3½s	10,000 00
Mar. 1, 1952	Bridge.....	3½s	10,000 00
			<hr/>
			\$2,324,000 00

The Bonded Water Debt matures as follows:

Provided for by Sinking Fund.

Mar. 1, 1941.....	3½s	\$16,500 00	
Dec. 1, 1941.....	3½s	10,000 00	
		<hr/>	
			\$26,500 00

The Bonded Water Debt matures as follows:

Issued serially, provided for by Water Receipts.

April 1, 1939.....	$3\frac{1}{4}s$	\$4,000 00
July 1, 1939.....	4s	1,500 00
Aug 1, 1939.....	$3\frac{1}{2}s$	24,000 00
Oct. 1, 1939.....	$4\frac{1}{2}s$	11,000 00
Oct. 1, 1939.....	4s	13,000 00
Oct. 1, 1939.....	$3\frac{1}{4}s$	5,000 00
April 1, 1940.....	$3\frac{1}{4}s$	3,000 00
July 1, 1940.....	4s	1,500 00
Aug. 1, 1940.....	$3\frac{1}{2}s$	24,000 00
Oct. 1, 1940.....	$4\frac{1}{2}s$	11,000 00
Oct. 1, 1940.....	4s	13,000 00
Oct. 1, 1940.....	$3\frac{1}{4}s$	5,000 00
April 1, 1941.....	$3\frac{1}{4}s$	3,000 00
July 1, 1941.....	4s	1,500 00
Aug. 1, 1941.....	$3\frac{1}{2}s$	24,000 00
Oct. 1, 1941.....	$4\frac{1}{2}s$	11,000 00
Oct. 1, 1941.....	4s	13,000 00
Oct. 1, 1941.....	$3\frac{1}{4}s$	5,000 00
April 1, 1942.....	$3\frac{1}{4}s$	3,000 00
July 1, 1942.....	4s	1,500 00
Aug. 1, 1942.....	$3\frac{1}{2}s$	24,000 00
Oct. 1, 1942.....	$4\frac{1}{2}s$	11,000 00
Oct. 1, 1942.....	4s	13,000 00
Oct. 1, 1942.....	$3\frac{1}{4}s$	5,000 00
April 1, 1943.....	$3\frac{1}{4}s$	3,000 00
July 1, 1943.....	4s	1,500 00
Aug. 1, 1943.....	$3\frac{1}{2}s$	24,000 00
Oct. 1, 1943.....	$4\frac{1}{2}s$	11,000 00
Oct. 1, 1943.....	$3\frac{1}{4}s$	5,000 00
April 1, 1944.....	$3\frac{1}{4}s$	3,000 00
July 1, 1944.....	4s	1,500 00
Aug. 1, 1944.....	$3\frac{1}{2}s$	24,000 00
Oct. 1, 1944.....	$4\frac{1}{2}s$	11,000 00
Oct. 1, 1944.....	$3\frac{1}{4}s$	5,000 00

<i>Amount carried forward</i>		\$320,000 00
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The Bonded Water Debt matures as follows :

Issued serially, provided for by Water Receipts.

<i>Amount brought forward</i>		\$320,000 00
April 1, 1945.....	$.3\frac{1}{4}s$	\$3,000 00
Aug. 1, 1945.....	$.3\frac{1}{2}s$	24,000 00
Oct. 1, 1945.....	$.4\frac{1}{2}s$	11,000 00
Oct. 1, 1945.....	$.3\frac{1}{4}s$	5,000 00
April 1, 1946.....	$.3\frac{1}{4}s$	3,000 00
Aug. 1, 1946.....	$.3\frac{1}{2}s$	24,000 00
Oct. 1, 1946.....	$.4\frac{1}{2}s$	11,000 00
Oct. 1, 1946.....	$.3\frac{1}{4}s$	5,000 00
April 1, 1947.....	$.3\frac{1}{4}s$	3,000 00
Aug. 1, 1947.....	$.3\frac{1}{2}s$	23,000 00
Oct. 1, 1947.....	$.4\frac{1}{2}s$	11,000 00
Oct. 1, 1947.....	$.3\frac{1}{4}s$	5,000 00
April 1, 1948.....	$.3\frac{1}{4}s$	3,000 00
Aug. 1, 1948.....	$.3\frac{1}{2}s$	23,000 00
Oct. 1, 1948.....	$.4\frac{1}{2}s$	11,000 00
Oct. 1, 1948.....	$.3\frac{1}{4}s$	5,000 00
April 1, 1949.....	$.3\frac{1}{4}s$	3,000 00
Aug. 1, 1949.....	$.3\frac{1}{2}s$	23,000 00
Oct. 1, 1949.....	$.4\frac{1}{2}s$	11,000 00
Oct. 1, 1949.....	$.3\frac{1}{4}s$	5,000 00
Aug. 1, 1950.....	$.3\frac{1}{2}s$	23,000 00
Oct. 1, 1950.....	$.4\frac{1}{2}s$	11,000 00
Aug. 1, 1951.....	$.3\frac{1}{2}s$	23,000 00
Aug. 1, 1952.....	$.3\frac{1}{2}s$	23,000 00
Aug. 1, 1953.....	$.3\frac{1}{2}s$	23,000 00
Aug. 1, 1954.....	$.3\frac{1}{2}s$	23,000 00
Aug. 1, 1955.....	$.3\frac{1}{2}s$	23,000 00
Aug. 1, 1956.....	$.3\frac{1}{2}s$	23,000 00
		<hr/>
		\$704,000 00

REPORT OF THE COMMISSIONERS OF THE
SINKING FUNDS OF THE CITY OF
CAMBRIDGE

Cambridge, Massachusetts, January 1, 1939.

To the Honorable City Council:

The Commissioners of the Sinking Funds of the City of Cambridge herewith submit their annual report for the year ended December 31, 1938. Inasmuch as the debt for which sinking funds have been created is divided into two groups, City Debt and Water Debt, this report is likewise divided: first, Municipal Loan Fund for the City Debt proper and second, Water Loan Fund for the City Water Debt.

As at December 31, 1938, there was held in Municipal Loan Fund assets as follows:

Bonds (at par value).....	\$2,173,912 50
Cash.....	26,651 12
Total.....	<u>\$2,200,563 62</u>

The total amount of City Debt outstanding at December 31, 1938, for which payment is provided through the Municipal Loan Fund, amounted to \$2,324,000. This debt matures in various amounts in the years 1939 to 1952 inclusive. Deducting the assets of the Municipal Loan Fund as reported above from the debt for which it is provided leaves a net City Sinking Fund debt at December 31, 1938 of \$123,436. 38. During the year 1939 City Debt in the amount of \$150,000 will become due and payable from this fund.

Details as to the changes in the year 1938 of this fund follows:

MUNICIPAL LOAN FUND

Bond Account

(Bonds are reported at par value)

Bonds in fund December 31, 1937.....	\$2,293,912 50	
Bonds purchased.....	135,000 00	
	<u>\$2,428,912 50</u>	
Bonds sold.....	\$50,000 00	
Bonds matured.....	205,000 00	
	<u>\$255,000 00</u>	
Bonds in fund December 31, 1938		\$2,173,912 50

Cash Account

Cash December 31, 1937.....	\$13,476 01	
Interest received.....	83,059 66	
Proceeds of bonds sold.....	53,380 00	
Proceeds of bonds matured.....	205,000 00	
		<hr/>
	\$354,915 67	
Paid to City Treasurer for matured bonds.....	\$192,000 00	
Paid for bonds purchased.....	135,856 36	
Paid interest accrued on bonds pur- chased.....	407 00	
Postage, insurance and collection charges.....	1 19	
		<hr/>
	328,264 55	
Cash in fund December 31, 1938.....		26,651 12
Total Bonds and Cash December 31, 1938.....		<hr/> <hr/>
		\$2,200.563 62

As at December 31, 1938, there was held in the Water Loan Fund assets as follows:

Bonds (at par value).....	\$11,500 00
Cash.....	35,564 17
	<hr/>
Total.....	<hr/> <hr/>
	\$47,064 17

The total amount of the Water Debt outstanding at December 31, 1938, for which payment is provided through the Water Loan Fund, amounted to \$26,500. This debt matures in 1941.

Details as to the changes in the year 1938 of this fund follows:

WATER LOAN FUND

Bond Account

(Bonds are reported at par value)

Bonds in fund December 31, 1937.....	\$57,500 00	
Bonds sold.....	46,000 00	
		<hr/>
Bonds in fund December 31, 1938.....		\$11,500 00

Cash Account

Cash December 31, 1937.....	\$102,920 30	
Interest received.....	3,347 74	
Proceeds of bonds sold.....	46,296 13	
		<hr/>
	\$152,564 17	
Deduct		
Paid to City Treasurer for maturing bonds.....	\$17,000 00	
Paid to City Treasurer — Surplus Funds — Chapter 119, Acts of 1938	100,000 00	\$117,000 00
		<hr/>
Cash in fund December 31, 1938.....		35,564 17
Total Bonds and Cash, December 31, 1938.....		<hr/> <hr/>
		\$47,064 17

On August 10, 1938 surplus funds, in the Water Loan Fund, amounting to \$100,000 were turned over to the City Treasurer as authorized by Chapter 119, Acts of 1938.

For convenience in keeping the accounts of the funds the first Commissioners of both the Municipal Loan Fund and the Water Loan Fund carried all bonds at par value, regardless of the price paid therefor. All interest received is entered at the gross amount without deduction for the proportion of any premium paid for the bonds. This practice, which has been continued to the present time, has received the approval of the Director of Accounts of the Department of Corporations and Taxation of the Commonwealth of Massachusetts. Interest earned but not yet due has not been set up as an asset as of the end of the year.

No payment has been made to the Municipal Sinking Fund by the City since 1931, as an examination in that year indicated that no payment should be necessary if investments could be made without loss at the rate of three and one-half per cent compounded semi-annually. No payment has been made to the Water Fund since 1917. All bonded debt incurred by the City since 1913 must be in serial form and the Commissioners of Sinking Funds have no duties to perform in regard to any debt incurred since that time.

A list of the bonds held on December 31, 1938, in the respective funds is appended hereto. None of these bonds are in default as to either principal or interest with the exception of \$10,000 Old Colony Railroad 4 per cent bonds due January 1, 1938, held in the Water Loan Fund, which have been in default as to interest since July 1, 1936, and were in default as to principal January 1, 1938. The bonds held in the respective funds were examined on December 19, 1938 by the examiners of the Division of Accounts, Department of Corporations and Taxation of the Commonwealth of Massachusetts, whose certificate is appended to the report of the Auditing Committee.

Respectfully submitted,

WILLIAM H. REARDON, JR., *Chairman*,
CECIL E. FRASER,
WILLIAM H DAVIES,
JOSEPH M. MURPHY,
ARTHUR M. WRIGHT.

REPORT OF AUDITING COMMITTEE

The Committee appointed to audit the accounts of the Treasurer of the Sinking Funds for the year ended December 31, 1938, reports the accounts are correct. We verified the cash on deposit in banks at the close of business December 31, 1938 with certificates obtained from the depositaries. The bonds held in the respective Sinking Funds were examined on December 19, 1938 by the examiner of the Division of Accounts, Department of Corporations and Taxation of the Commonwealth of Massachusetts, and his certificate is appended hereto. There were no changes in bonds held in the respective Sinking Funds between December 19, 1938 and December 31, 1938.

JOSEPH M. MURPHY,
ARTHUR M. WRIGHT.

CERTIFICATE ON EXAMINATION OF ASSETS

This is to certify that:

The securities and savings bank books representing the investment of the Municipal and Water Loans Sinking Funds of the City of Cambridge were examined by accountants from the Division of Accounts as of November 30, 1938, and the cash on hand was verified with statements furnished by the bank of deposit.

The condition of the funds is as follows:

Municipal Loans, Sinking Fund		
Bonds, par value.....	\$2,173,912	50
Cash, Harvard Trust Co.....	20,872	37
		<hr/>
		\$2,194,784 87
Water Loans, Sinking Fund		
Bonds, par value.....	\$11,500	00
Savings deposits:		
East Cambridge Savings Bank, No. 107,787.....	11,687	95
Cambridgeport Savings Bank, No. 171,927.....	6,057	37
Cambridge Savings Bank, No. 118,051.....	10,036	28
North Avenue Savings Bank, No. 56,875.....	5,422	95
Cash:		
Harvard Trust Co.....	2,359	62
		<hr/>
		\$47,064 17

THEODORE N. WADDELL,
Director of Accounts.

MUNICIPAL LOAN FUND

Bonds Held December 31, 1938

<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1939	\$2,000 00
City of Cambridge, Mass.....	Reg. 3½	July 1, 1939	1,000 00
City of Cambridge, Mass.....	Reg. 3½	Aug. 1, 1939	13,000 00
City of Cambridge, Mass.....	Reg. 4	Aug. 1, 1939	6,000 00
City of Cambridge, Mass.....	Reg. 4¼	Dec. 1, 1939	14,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1940	2,000 00
City of Cambridge, Mass.....	Reg. 3½	Nov. 1, 1940	25,000 00
City of Cambridge, Mass.....	Reg. 3	Feb. 1, 1941	22,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1941	2,000 00
City of Cambridge, Mass.....	Reg. 3½	Mar. 1, 1941	500 00
City of Cambridge, Mass.....	Reg. 3½	Oct. 1, 1941	100,000 00
City of Cambridge, Mass.....	Reg. 3½	Nov. 1, 1941	30,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1942	2,000 00
City of Cambridge, Mass.....	Reg. 3½	Aug. 1, 1942	4,000 00
City of Cambridge, Mass.....	Reg. 3½	Jan. 1, 1943	13,000 00
City of Cambridge, Mass.....	Reg. 1	July 1, 1943	20,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1943	2,000 00
City of Cambridge, Mass.....	Reg. 3½	April 1, 1943	8,000 00
City of Cambridge, Mass.....	Reg. 3½	Jan. 1, 1944	9,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1944	2,000 00
City of Cambridge, Mass.....	Reg. 3½	May 1, 1944	79,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1945	2,000 00
City of Cambridge, Mass.....	Reg. 3½	May 1, 1945	5,000 00
City of Cambridge, Mass.....	Reg. 3½	Jan. 1, 1946	5,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1946	2,000 00
City of Cambridge, Mass.....	Reg. 4	Aug. 1, 1946	75,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1947	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1948	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1949	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1950	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1951	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1952	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1953	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1954	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1955	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1956	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1957	2,000 00
City of Bristol, Conn.....	Reg. 4½	Jan. 1, 1939	10,000 00
City of Hartford, Conn.....	Reg. 4½	Feb. 1, 1939	13,000 00
City of Minneapolis, Minn.....	Reg. 4	July 1, 1939	50,000 00
City of Berlin, N. H.....	Cpn. 4½	July 1, 1939	5,000 00
City of Grafton, Mass.....	Cpn. 3½	July 1, 1939	2,000 00
City of Toledo, Ohio.....	Reg. 4	Sept. 1, 1939	15,000 00
City of Dayton, Ohio.....	Reg. 4½	Sept. 1, 1939	8,000 00
State of New Jersey.....	Reg. 4¼	Jan. 1, 1940	50,000 00
City of Dayton, Ohio.....	Reg. 4½	Sept. 1, 1940	8,000 00
City of Toledo, Ohio.....	Reg. 4	Sept. 1, 1940	15,000 00
State of New Hampshire.....	Reg. 4½	Dec. 1, 1940	50,000 00
State of Illinois Reg. as to principal only.....	Cpn. 4	Mar. 1, 1941	10,000 00
City of Stamford, Conn.....	Cpn. 4½	July 1, 1941	10,000 00
City of Waltham, Mass.....	Cpn. 1½	Dec. 1, 1941	4,000 00
<i>Amount carried forward</i>			\$717,500 00

Amount brought forward..... \$717,500 00

<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
Boston & Maine Railroad Reg. as to principal only.....	Cpn. 5	Mar. 1, 1942	\$40,000 00
Portland, Maine, Water District .	Reg. 4	May 1, 1942	40,000 00
City of Jersey City, N. J.....	Reg. 4 $\frac{3}{4}$	June 1, 1942	5,000 00
City of Medford, Mass.....	Cpn. 2	June 1, 1942	5,000 00
City of St. Louis, Mo.....	Reg. 4 $\frac{1}{4}$	Nov. 1, 1942	25,000 00
City of Waltham, Mass.....	Cpn. 1 $\frac{1}{2}$	Dec. 1, 1942	3,000 00
City of Fitchburg, Mass.....	Cpn. 2	Jan. 1, 1943	20,000 00
State of Illinois Reg. as to princi- pal only.....	Cpn. 4	Mar. 1, 1943	40,000 00
City of Jersey City, N. J.....	Reg. 4 $\frac{3}{4}$	June 1, 1943	5,000 00
City of Nashua, N. H.....	Cpn. 4 $\frac{1}{4}$	July 1, 1943	7,000 00
City of New Bedford, Mass.	Cpn. 2 $\frac{1}{2}$	July 1, 1943	3,000 00
City of Jersey City, N. J.....	Reg. 5	Oct. 1, 1943	50,000 00
City of Waltham, Mass.....	Cpn. 1 $\frac{1}{2}$	Dec. 1, 1943	3,000 00
City of Waltham, Mass.....	Cpn. 2 $\frac{1}{2}$	Jan. 1, 1944	8,000 00
City of Cleveland, Ohio.....	Cpn. 5	Mar. 1, 1944	15,000 00
State of Louisiana.....	Reg. 5	Mar. 1, 1944	50,000 00
City of Newark, N. J.....	Reg. 4 $\frac{1}{2}$	Mar. 15, 1944	50,000 00
City of Somerville, Mass.....	Cpn. 1 $\frac{3}{4}$	April 1, 1944	10,000 00
City of Nashua, N. H.....	Cpn. 4 $\frac{1}{4}$	July 1, 1944	10,000 00
Portland, Maine, Water District.	Cpn. 4	Aug. 1, 1944	60,000 00
City of Providence, R. I.....	Reg. 4	Jan. 1, 1945	100,000 00
City of Cleveland, Ohio.....	Cpn. 5	Mar. 1, 1945	15,000 00
City of Taunton, Mass.....	Cpn. 2	July 1, 1945	10,000 00
City of Cleveland, Ohio.....	Cpn. 3 $\frac{3}{4}$	Oct. 1, 1945	6,000 00
City of Waltham, Mass.....	Cpn. 2 $\frac{1}{2}$	Jan. 1, 1946	13,000 00
City of Cleveland, Ohio.....	Cpn. 5	Mar. 1, 1946	20,000 00
City of Somerville, Mass.....	Cpn. 1 $\frac{3}{4}$	April 1, 1946	20,000 00
City of Milwaukee, Wis.....	Cpn. 4 $\frac{1}{2}$	July 1, 1946	25,000 00
City of Taunton, Mass.....	Cpn. 2	July 1, 1946	10,000 00
City of Canton, Ohio.....	Reg. 5 $\frac{1}{2}$	Dec. 1, 1947	5,000 00
State of Missouri.....	Reg. 4 $\frac{1}{2}$	Oct. 1, 1948	50,000 00
City of Canton, Ohio.....	Reg. 5 $\frac{1}{2}$	Dec. 1, 1949	5,000 00
Maine Central Railroad.....	Cpn. 4 $\frac{1}{2}$	Dec. 1, 1960	50,000 00
City of Detroit, Michigan Fractional.....	Reg. 3 $\frac{1}{4}$	Aug. 1, 1962	2,550 00
City of Detroit, Michigan Fractional.....	Reg. 3 $\frac{1}{4}$	Aug. 1, 1962	375 00
City of Detroit, Michigan Fractional.....	Reg. 3 $\frac{1}{4}$	Aug. 1, 1962	112 50
City of Detroit, Michigan Fractional.....	Reg. 3 $\frac{1}{4}$	Aug. 1, 1962	375 00
City of Detroit, Michigan.....	Cpn. 4 $\frac{1}{2}$	June 15, 1963	50,000 00
United States Treasury Notes...	Cpn. 1 $\frac{1}{2}$	June 15, 1940	150,000 00
United States Treasury Notes...	Cpn. 1 $\frac{1}{4}$	Dec. 15, 1941	55,000 00
United States Treasury Bonds...	Cpn. 3 $\frac{1}{4}$	Oct. 15, 1945-43	205,000 00
United States Treasury Bonds...	Cpn. 3 $\frac{1}{4}$	April 15, 1946-44	60,000 00
Federal Farm Loan.....	Cpn. 3	July 1, 1955-45	50,000 00
United States Treasury Bonds...	Cpn. 3	Sept. 15, 1955-51	80,000 00
Consolidated Federal Farm Loan	Cpn. 3	May 1, 1956-46	25,000 00

Total..... \$2,173,912 50

WATER LOAN FUND

Bonds held December 31, 1938

<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
City of Cambridge, Mass.....	Reg. 3½	Mar., 1941	\$1,500 00
Old Colony Railroad.....	Reg. 4	Jan., 1938	10,000 00
Total.....			<hr/> \$11,500 00

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF CORPORATIONS AND TAXATION

DIVISION OF ACCOUNTS

REPORT OF AN AUDIT
OF THE ACCOUNTS
OF THE
CITY OF CAMBRIDGE

For the Period from September 30, 1935
to September 6, 1938

Made in Accordance with the Provisions
of Chapter 44, General Laws

JUNE 27, 1939

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF CORPORATIONS AND TAXATION
DIVISION OF ACCOUNTS

State House, Boston
June 27, 1939

*To the Honorable John W. Lyons, Mayor
and the City Council*

I submit herewith my report of an audit of the books and accounts of the City of Cambridge for the period from September 30, 1935, to September 6, 1938, made in accordance with the provisions of Chapter 44, General Laws. This is in the form of a report made to me by Mr. Herman B. Dine, Assistant Director of Accounts.

THEODORE N. WADDELL,
Director of Accounts.

Mr. Theodore N. Waddell
Director of Accounts
Department of Corporations and Taxation
State House, Boston

In accordance with your instructions, I have made an audit of the books and accounts of the City of Cambridge for the period from September 30, 1935, the date of the previous examination, to September 6, 1938, and submit the following report thereon:

The financial transactions, as recorded on the books of the several departments receiving or disbursing money for the city or committing bills for collection, were examined and checked for the period covered by the audit.

Mayor's Department. The recorded receipts from amusement licenses and permits issued were checked with the applications granted, being compared with the payments to the treasurer as shown by the treasurer's and the auditor's books, and the cash on hand was proved by actual count.

Auditor's Department. The books and accounts in the auditor's office were examined and checked in detail. The general and appropriation ledger accounts were analyzed and proved. The recorded receipts were compared with the treasurer's cash book, while the payments, as entered, were checked with the treasurer's cash book and with the treasury warrants. The appropriations, transfers, and loans authorized, as recorded on the ledgers, were checked with the city clerk's records of council meetings.

The necessary ledger adjustments resulting from the audit were made, a trial balance was taken off proving the accounts to be in balance, and a balance sheet, showing the financial condition of the city as of September 6, 1938, was prepared and is appended to this report.

Treasurer's Department. The books and accounts of the city treasurer were examined and checked in detail. The recorded receipts were analyzed and compared with the records in the several departments in which charges originated or in which money was collected for the city, and with the other sources from which money was paid into the city treasury. The disbursements were checked with the warrants authorizing the treasurer to disburse city funds and with the auditor's books.

The footings of the cash book were verified and the cash balance on September 6, 1938, was proved by actual count of the cash in the office and by a reconciliation of the bank balances with statements furnished by the banks of deposit.

The recorded payments on account of maturing debt and interest were checked with the amounts falling due and with the cancelled securities and coupons on file, the outstanding securities and coupons being listed and reconciled with statements furnished by the banks.

During the progress of the audit a cash book was installed in the treasurer's office for the recording daily of all receipts and payments from which the cash balance at any time may be obtained and which will show at a glance the receipts or payments for any given period.

Considerable difficulty was experienced in proving the debt and interest transactions and in reconciling the balances on deposit in the banks for unpaid bonds and coupons. It was found that the debt record sheets which were furnished to the treasurer

several years ago for setting up the city debt in detail had not been used as outlined but they have been turned over to the city auditor to be used by him in setting up all future loans.

It is recommended that arrangements be made for the setting up of all the outstanding debt of the city on the debt record sheets provided for that purpose, so that all the debt and interest transactions may readily lend themselves to auditing; and it is further recommended that a new bond and coupon account be opened, in order that the unlocated differences in the old account may be finally adjusted.

The books and accounts of the treasurer of the sinking fund commissioners were examined and checked. The securities representing the investments of the funds were personally examined and listed. The income on the investments was accounted for, the disbursements were checked, and the cash balances were verified by a reconciliation with statements from the banks of deposit.

The savings bank books and securities representing the investments of the trust funds were personally examined. The income was proved, and all transactions were verified and compared with the treasurer's and the auditor's books.

The savings bank books and securities representing the investment of the retirement system funds were personally examined. The receipts, representing contributions by the city and by the members, and also the income from investments, were checked in detail. The disbursements were checked, and the cash balance was proved by a reconciliation of the bank balance with a statement furnished by the bank of deposit.

The tax titles taken by the city on account of taxes unpaid were examined and the amounts added to the tax title account were compared with the collector's records. The redemptions of tax titles, as reported, were checked with the receipts as recorded on the treasurer's and the auditor's books, and the outstanding tax titles were listed and proved.

Appended to this report, in addition to a table showing a reconciliation of the treasurer's cash, are tables showing the transactions and condition of the sinking, trust, and retirement system funds.

Collector's Department. The books and accounts of the collector were examined and checked in detail. The taxes and

assessments outstanding at the time of the previous examination were audited, and all subsequent commitments were proved to the warrants issued for their collection. The recorded receipts were checked with the payments to the treasurer and with the auditor's books, the abatements as recorded were compared with the assessors' record of abatements granted, and the necessary adjusting entries were made, after which the outstanding accounts were listed and reconciled with the auditor's accounts.

Verification of the outstanding accounts was made by mailing notices to various persons whose names appeared on the books as owing money to the city. A great number of replies were received from persons who claimed that their taxes had been paid. All of these claims were investigated by personal interview or correspondence, and it was found that substantially all payments claimed and on which evidence of payment was presented, were made to Constable Armand D. Tufenkjian, who had failed to make a return of his collections to the collector.

Following is a statement of the amount due from Constable Tufenkjian on collections made by him but not paid over to the collector, as determined by evidence of payment seen during the investigation:

Poll taxes 1937	\$6 00
Personal taxes 1937	1,365 16
Motor vehicle excise taxes 1937	178 75
Interest and costs	86 44
	<hr/>
	\$1,636 35
	<hr/>

In addition to the above amount, a number of persons claimed that they had made payments to the constable by cash or money order but were unable to produce sufficient evidence of payment. Any further proofs of payment will correspondingly increase the amount due from the above-named constable.

In connection with the investigation of verification notices, it was also found that certain accounts which had been turned over for collection to Constable Henry F. Maillaux (now deceased) had been paid according to evidence of payment which was presented for examination, but had not been paid over by him to the tax collector. These were as follows:

Personal taxes 1934		\$450 00
Personal taxes 1936	\$275 40	
Interest and costs	59 32	
	<hr/>	334 72
Motor vehicle excise taxes 1936	\$53 50	
Interest and costs	17 21	70 71
	<hr/>	<hr/>
		\$855 43

With the foregoing exceptions, it would appear, from the replies received to the verification notices, that the outstanding accounts, as listed, are correct.

In order to facilitate the recording and the auditing of collections on departmental accounts receivable, a specially designed cash book was installed for use in the collector's office.

The departmental accounts were analyzed, the commitments, collections, abatements, and outstanding accounts were proved to the auditor's ledger accounts.

The water department accounts, which are committed to the collector, were examined and checked. Many errors in posting the cash collections were found, which necessarily increased the time and cost of auditing these accounts. More care in the posting of these accounts and a periodical check with the water department cards is recommended.

It was noted that a number of private schools are not being billed for water consumed. This practice should be discontinued, as there is no provision of law which authorizes such exemption from payment for water used.

As may be seen from the balance sheet appended to this report, there is a substantial sum of outstanding taxes and assessments which date back to 1930. It is therefore urged that prompt action be taken by the collector to secure settlement of these delinquent accounts.

There are appended to this report tables showing summaries of the tax, assessment, departmental, and water accounts.

License Commissioners. The recorded receipts of this department were checked with the applications on file, and the payments to the treasurer were verified by a comparison with the treasurer's and the auditor's books.

In order to facilitate the recording, as well as the auditing of these accounts, a specially designed cash book was installed in this office.

City Clerk's Department. The financial votes passed by the City Council as recorded by the city clerk were listed and checked with the auditor's and the assessors' records.

The recorded receipts of the department on account of dog, sporting, and city licenses, as well as permits and fees, were examined and checked in detail, the payments to the treasurer and the cash on hand being verified.

The surety bonds on file were examined and found to be in proper form.

Police Department. The receipts as recorded on account of revolver permits, etc., were verified, as were also the payments to the treasurer and the cash on hand.

Fire Department. The recorded receipts of this department on account of fireworks, permits, etc., were examined, checked, and compared with the receipts from this source as recorded by the treasurer and the auditor.

Electrical Department. The permits issued by this department were checked with the recorded receipts from this source, and the payments to the treasurer, as well as the cash on hand, were verified.

As shown in the two previous audit reports, there is a cash discrepancy on the books of this department of \$670.10 dating back to 1933.

Superintendent of Buildings. The cash book record of receipts on account of licenses and permits issued was checked with the applications on file, and the payments to the treasurer were verified by a comparison with the treasurer's and the auditor's books.

Sealer of Weights and Measures. The financial records of this department were examined and checked in detail. The field books were checked with the office record of receipts on account of fees for sealing and adjusting weights and measures. The cash book was footed throughout and the payments to the treasurer and the cash on hand were verified.

Health Department. The records of receipts on account of licenses granted and of the dental clinic were examined and checked. The payments to the treasurer were verified by a com-

parison with the treasurer's and the auditor's books, and the cash on hand was verified by actual count.

Street Department. The cash book record of receipts of this department on account of guarantee deposits, sale of offal, and sidewalk permits, was examined and checked, the payments to the treasurer being verified.

Municipal Hospital. The financial records of the hospital were examined and checked. During the course of the audit a specially designed cash book was installed which should facilitate the recording of the financial transactions at the hospital.

Public Welfare Department. The cash book record of receipts of the City Infirmary was examined and checked in detail, the payments to the treasurer and the cash on hand being verified.

School Department. The records of receipts on account of rentals, school lunches, etc., were examined and checked, and the payments to the treasurer were verified.

It is recommended that action be taken toward clearing the books of the cash discrepancy of \$71.16 which has been on the books since 1933.

Library Department. The records of receipts of this department on account of fines, lost and damaged books, etc., were examined and compared with the treasurer's record of receipts from this source.

Park Department. The records of receipts on account of bath houses, rents, golf course, etc., were examined, checked, and compared with the records of the treasurer and the auditor.

Cemetery Department. The records of receipts on account of sales of lots, care, interments, etc., were examined and checked, the payments to the treasurer and the cash on hand being verified.

Attention is again called to the cemetery accounts receivable of \$2,033.55, which sum represents outstanding bills prior to 1930, of \$567.00, and a loss of \$1,466.55 sustained by a reported burglary May 29, 1930. Action should be taken to clear the books of these accounts.

Receipts from the sale of cemetery lots and graves should be set up separately on the auditor's ledger, as is provided by Sections 15 and 25, Chapter 114, General Laws.

Conclusion. In addition to the departments and accounts

mentioned, the records of all other departments in which monies are collected for the city were examined and checked.

Summary tables showing the cash receipts of the several departments audited are appended to this report.

During the progress of the audit coöperation was received from all officials, for which, on behalf of my assistants and for myself, I wish to express appreciation.

HERMAN B. DINE,
Assistant Director of Accounts.

CITY OF CAMBRIDGE, BALANCE SHEET, SEPTEMBER 6, 1938

REVENUE ACCOUNTS

<i>Assets</i>		<i>Liabilities and Reserves</i>	
Cash:		Temporary Loans:	
In Office and Banks.....	\$429,508 12	In Anticipation of Revenue 1938....	\$1,700,000 00
In Closed Banks.....	4,953 43	State Tax and Assessments.....	626,975 65
		Commonwealth of Massachusetts —	
Petty Cash Advance — Police.....		Old Age Assistance Taxes.....	134 00
		County Tax.....	281,397 27
Cash Discrepancies:		Reserve for Petty Cash.....	100 00
William J. Shea, Former Collector..	\$222 38	Taxes 1929 (Tax Title to be	
Henry F. Lehan, Former Treasurer.	2,574 84	Disclaimed).....	227 23
Armand D. Tufenkjian, Former		Tailings.....	2,665 63
Constable.....	1,636 35	Unidentified Receipts.....	6 00
Henry F. Mailloux, Former Con-			
stable.....	855 43		
Electrical Department.....	670 10		
Accounts Receivable:		Deposits:	
Taxes:		Bids.....	\$34,025 00
Poll:		Plans.....	1,118 14
Levy of 1932.....	\$10 00	Licenses.....	1,170 10
Levy of 1933.....	33 00	Driveway.....	1,025 00
Levy of 1934.....	148 00	Street.....	160 00
Levy of 1935.....	1,271 00	E R A, Sidewalk.....	2,664 40
Levy of 1936.....	20,272 00	Library — Students.....	165 00
Levy of 1937.....	23,144 00	Water.....	276 68
Levy of 1938.....	40,378 00	In Lieu of Bonds.....	500 00
		Option to Lease City Land.....	1,001 00
		Municipal Hospital.....	304 45
			42,409 77
Real and Personal:			
Levy of 1931.....	223 70	Agency:	
Levy of 1932.....	928 35	Sporting Licenses — Due State....	\$630 80
Levy of 1933.....	664 30	Constables' Fees.....	28 58
Levy of 1934.....	2,902 69	City of Boston — Retirement	
Levy of 1935.....	20,890 48	System.....	1 20
Levy of 1936.....	211,503 70		660 58

Levy of 1937.....	622,016 17		Sale of Land.....	878 60
Levy of 1938.....	6,307,515 47		Premium on Loans.....	4,041 53
Old Age Assistance:			Gifts and Bequests.....	150 00
Levy of 1931.....	180 00		Cemetery Perpetual Care Bequests....	313 50
Levy of 1932.....	7,646 00		Highway Fund — Chapter 500, Acts	
Levy of 1933.....	10,756 00		of 1938.....	139,000 00
Motor Vehicle Excise Taxes:		7,270,482 86	Smith-Hughes Fund.....	1,469 22
Levy of 1930.....	\$231 98		George-Deen Fund.....	568 16
Levy of 1931.....	646 22		Hopkins School Fund.....	1,636 14
Levy of 1932.....	587 63		Bullock Fund.....	2,780 46
Levy of 1933.....	1,596 46		Trust Funds — Income:	
Levy of 1934.....	8,628 35		Webster Thierry Fund.....	\$55 67
Levy of 1935.....	12,442 33		Bridge Charitable Fund.....	103 92
Levy of 1936.....	19,202 10		Sarah E. Russell Fund.....	20 44
Levy of 1937.....	27,575 22		Rev. Patrick H. Callanan Fund.....	45 11
Levy of 1938.....	59,840 45		Kingman Fund.....	384.61
Special Assessments:		130,750 74	John Wesley Freeze Fund.....	16 18
Sewer:			Georgia Harvey Fund.....	4 50
Unapportioned.....	\$2,835 05		William Penn Harding Fund.....	3 34
Added to taxes, 1930.....	695 42		Citizens' Subscription Fund.....	124 72
Added to taxes, 1936.....	95 14		Cummings Fund.....	30 73
Added to taxes, 1937.....	95 13		Fay Fund.....	16 81
Added to taxes, 1938.....	619 36		William Saunders Fund.....	2,234 52
Committed Interest:			James A. Woolson Fund.....	438 39
1930.....	47 81		Citizens of Cambridge Fund.....	210 38
1931.....	31 97		Whorf Fund.....	1,047 88
1933.....	40 75		Howe Fund.....	48 28
1936.....	31 68		Murdock Fund.....	52 54
1937.....	37 38			
1938.....	287 35		Water Loan Sinking Fund Reserved	4,838 02
Sidewalk:			for Payment of Debt.....	100,000 00
Unapportioned.....	\$747 07	4,817 04	Unexpended Appropriation Balances..	3,057,991 00
Amounts carried forward.....	\$747 07	\$7,846,571 29	Federal Grants:	
			Old Age Assistance:	
			Assistance.....	\$15,615 10
			Amounts carried forward.....	\$15,615 10
				\$8,968,242 76

Water:		
Meter Rates.....	\$66,948 95	
Annual Rates.....	4,506 25	
Miscellaneous Charges.....	9,204 43	80,659 63
Estimated Receipts to be Collected:		
General.....	\$1,309,354 21	
Water.....	136,054 48	1,445,408 69
Overlay Deficits:		
Levy of 1929.....	\$227 23	
Levy of 1933.....	54 97	
Levy of 1934.....	1,053 62	
Levy of 1935.....	1,320 78	
Levy of 1936.....	6,201 72	
Levy of 1937.....	9,132 03	17,990 35
Loan Authorized — Municipal Relief.		100,000 00
Overdrawn Accounts:		
City Clerk — Other supplies.....	\$6 30	
Law — Office.....	50	
Municipal Buildings — Temporary Employees.....	133 32	
Police — Postage.....	2 00	
WPA No. 465-14-2-89.....	497 78	
Purchasing — Food and Ice.....	50	640 40
		<u>\$11,017,899 67</u>
		<u>\$11,017,899 67</u>

NON-REVENUE ACCOUNTS

Cash:		
In Office and Banks.....	\$293,111 07	
Loans Authorized.....	450,000 00	
		<u>\$743,111 07</u>
Unexpended Appropriation Balances...		\$737,830 80
Receipts Reserved for Appropriation:		
Sewer Assessment.....	\$2,246 24	
Sidewalk Assessment.....	3,032 00	
Street Department.....	2 03	5,280 27
		<u>\$743,111 07</u>

BALANCE SHEET — Continued
DEFERRED REVENUE ACCOUNTS

Apportioned Assessments Not Due:		
Sewer.....	\$1,238 72	\$619 36
Sidewalk.....	888 33	619 36
		<u>\$1,238 72</u>
Apportioned Sewer Assessment Revenue:		
Due In: 1939.....		\$377 86
1940.....		149 85
1941.....		139 05
1942.....		114 38
1943.....		37 03
1944.....		31 96
1945.....		26 56
1946.....		11 64
		<u>888 33</u>
Apportioned Sidewalk Assessment Revenue:		
Due In: 1939.....		\$377 86
1940.....		149 85
1941.....		139 05
1942.....		114 38
1943.....		37 03
1944.....		31 96
1945.....		26 56
1946.....		11 64
		<u>888 33</u>
	<u>\$2,127 05</u>	<u>\$2,127 05</u>

DEBT ACCOUNTS

Outside Debt Limit: Sinking Fund Commissioners..... Net Funded or Fixed Debt	\$2,139,768 62 2,854,881 38	Outside Debt Limit:	
		Sinking Funds:	
		Sewer.....	\$152,000 00
		Bridge.....	1,441,000 00
Inside Debt Limit: Sinking Fund Commissioners.... Net Funded or Fixed Debt.....	\$53,000 00 3,751,350 00	Park.....	600,000 00
		Playground.....	95,000 00
		\$2,288,000 00	
Public Service Enterprise: Water Loans: Sinking Fund Commissioners.. Net Funded or Fixed Debt....		Serial Loans:	
		Sewer.....	\$533,500 00
		Sreet and Bridge.....	482,000 00
		Building.....	952,650 00
		Park.....	12,000 00
		Playground.....	26,500 00
		Municipal Relief.....	700,000 00
		2,706,650 00	
		\$4,994,650 00	
Inside Debt Limit: Sinking Funds: Sewer		Sinking Funds:	
		Serial Loans:	
		Sewer.....	\$53,000 00
		Street and	
		Sewer.....	\$826,000 00
		Bridge	1,824,000 00
		Building	1,076,350 00
		3,726,350 00	
Other Loans: Daniel White Charitable Fund.....		Other Loans:	
		Daniel White	
		Charitable	
		Fund.....	\$5,000 00
		Dowse Institute	
		Fund.....	10,000 00
		Saunders Chari-	
		table Fund..	10,000 00
		25,000 00	
		3,804,350 00	
Water Loans: Sinking Funds..... Sinking Funds Surplus.....		Water Loans:	
		Sinking Funds.....	
		Sinking Funds Surplus.....	
		\$26,500 00	
		20,419 89	
		\$46,919 89	
		733,000 00	
		779,919 89	
		779,919 89	
		\$9,578,919 89	

REPORT OF BOARD OF ASSESSORS

For the Year Ending December 31, 1938

To His Honor the Mayor and the City Council:

We hereby submit the report of the Board of Assessors for the year 1938.

Very truly yours,

BERNARD F. FALLON,
JOHN C. HAVERTY,
JAMES J. CASEY,

Assessors of Cambridge.

April 29, 1939.

WARRANTS 1938

County tax.....	\$281,397 27
State tax.....	222,400 00
Charles River Basin Loan Fund.....	18,825 91
Metropolitan Parks Loan Sinking Fund.....	83,832 81
Metropolitan Planning Division.....	1,122 30
Metropolitan Park Loan Sinking Fund Series 2, etc.....	8,366 91
Metropolitan Park Loan Fund, Nantasket maintenance.....	5,321 82
Wellington Bridge, maintenance.....	179 22
Metropolitan Sewerage Loan Sinking Fund.....	111,487 27
Abatement smoke nuisance.....	1,872 17
Hospital or home care for Civil War veterans.....	300 00
Veterans exemptions.....	577 54
Boston Metropolitan District expenses.....	402 80
Boston Elevated Railway deficiency.....	237,315 70
Kenmore Square Subway rental deficiency.....	9,328 96
Land takings Revere Highway.....	948 82
Charles River Bridge.....	26,984 67
Underestimates 1937 (State), Chapter 376, Acts 1936.....	28,230 17
Total State and County Warrants.....	\$1,038,894 34
City budget.....	6,152,947 51
School budget.....	1,952,215 27
Overlay.....	69,255 48
Deficit in overlays.....	89,174 81
	\$9,302,487 41

ESTIMATED RECEIPTS

Income tax*	\$624,217 22
Corporation taxes*	350,255 40
Based on actual receipts 1937	971,869 15
Authorized by Commissioner of Corporations and Taxation	89,174 81
Credit Boston Elevated Railway	102,291 25
Overestimates, 1937 (State), Chapter 376, Acts 1936	6,366 98
<hr/>	
Total estimated receipts	\$2,144,174 81
Poll tax 32,439 at \$2.00	64,878 00
<hr/>	
Total estimated receipts plus poll tax	\$2,209,052 81
Budget and Warrants	\$9,302,487 41
Less estimated receipts including poll tax	2,209,052 81
<hr/>	
Net amount to be raised by tax levy	\$7,093,434 60

VALUATIONS

Real estate	\$161,708,700 00
Tangible personal property	11,301,900 00
<hr/>	
Total 1938	\$173,010,600 00
Total 1937	172,709,800 00
<hr/>	
Gain in 1938	\$300,800 00
Tax rate in 1938, \$41.00.	

VALUATION OF REAL ESTATE AND PERSONAL
PROPERTY AS OF JANUARY 1, 1938

Land	\$ 58,008,000	Loss in 1938	\$175,200
Buildings	103,700,700	Gain over 1937	52,900
Personal estate	11,301,900	Gain over 1937	423,100
<hr/>		<hr/>	
\$173,010,600		Total gain over 1937	\$300,400

This valuation of \$173,010,600 divided into the Tax Levy of \$7,093,434.60 gives a rate of \$41.00.

VALUATION OF EXEMPTED PROPERTY

City of Cambridge	\$12,103,800
Benevolent	460,500
Cemeteries	50,700
Charitable	2,040,700
Commonwealth of Massachusetts	8,504,700
County of Middlesex	1,907,500
Educational	48,477,500
Houses of religious worship	5,039,000
United States of America	570,100
<hr/>	
\$79,154,500	

* Amount income and corporation tax receipts, estimated by Tax Commissioner.

COLLECTORS' WARRANTS

On January 1, 1938, 32,439 polls were listed and warrant for \$64,878 covering same was committed to the Collector of Taxes, April 7, 1938. 1,068 were added in a supplemental warrant, making total polls for the year 1938, 33,507.

The General Warrant for the year 1938 was committed to the Collector June 8, 1938. It required him to collect taxes at the rate of \$41.00 per thousand valuation:

On land valued at \$58,008,000.....	\$2,378,328 00
On buildings valued at \$103,700,700	4,251,728 70
Total tax on real estate.....	\$6,630,056 70
On tangible personal property valued at \$11,301,900.....	463,377 90
Total personal property and real estate tax.....	\$7,093,434 60

BOSTON ELEVATED STREET RAILWAY

As indicated in the list of warrants we were required to raise by taxation in 1938, as the city's assessment on account of Boston Elevated Railway, the following amounts:

Deficiency in operating expenses.....	\$237,315 70
Deficiency in Kenmore Square rental.....	9,328 96
Total.....	\$246,644 66

Since 1932 the City of Cambridge has been required to raise amounts on account of deficiencies of the Boston Elevated Railway as follows:

1932 Deficiency.....	\$150,476 98
1933 Deficiency.....	235,996 08
Deficiency in Kenmore Square rental.....	6,576 05
1934 Deficiency.....	118,505 31
Deficiency in rental.....	9,690 00
1935 Deficiency.....	118,800 00
Deficiency in rental.....	9,700 00
1936 Deficiency.....	139,010 43
Deficiency in rental.....	9,182 06
1937 Deficiency.....	150,845 30
Deficiency in rental.....	9,393 71
1938 Deficiency.....	237,315 70
Deficiency in rental.....	9,328 96
Total.....	\$1,204,820 58

In 7 years the taxpayers were required to pay \$1,204,820.58 on account of Boston Elevated deficiencies.

SPECIAL ASSESSMENTS

Apportioned sewer assessments with interest thereon..... \$1,511.58

MOTOR VEHICLES

An excise tax is levied on every registered motor vehicle at the place where the vehicle is customarily garaged. This excise is assessed under the authority of Chapter 60A of the General Laws and is for the privilege of registration of the vehicle. There is no property tax assessed on registered motor vehicles. There were 21,965 motor vehicles valued at \$6,418,610 registered from Cambridge in 1938, the tax assessed being \$179,893.35.

VALUATION OF TAXABLE PROPERTY SINCE 1846
WHEN CAMBRIDGE BECAME A CITY

Year	Polls	Personal Property	Real Estate	Total	Tax Rate
1846	\$9,312,481	\$5 00
1847	9,806,539	5 40
1848	10,476,230	5 50
1849	10,667,272	6 30
1850	11,469,618	6 30
1851	12,392,440	6 30
1852	13,175,257	7 50
1853	13,599,360	6 50
1854	15,437,100	7 10
1855	16,111,700	7 60
1856	18,038,650	7 70
1857	20,148,150	8 00
1858	20,261,850	9 10
1859	20,603,000	8 60
1860	21,280,700	9 00
1861	21,687,700	9 50
1862	21,527,100	10 00
1863	22,549,200	11 00
1864	23,271,500	11 50
1865	26,085,900	15 00
1866	28,385,700	13 20
1867	31,853,500	15 30
1868	34,093,800	13 80

VALUATION OF TAXABLE PROPERTY SINCE 1846 — *Continued*

Year	Polls	Personal Property	Real Estate	Total	Tax Rate
1869 ....	.....	.....	.....	\$39,210,900	\$14 00
1870 ....	.....	.....	.....	43,097,200	14 00
1871 ....	.....	.....	.....	46,859,800	15 60
1872	10,867	\$16,033,450	\$39,214,900	55,248,350	.....
1873	11,687	16,963,715	45,457,500	62,421,215	.....
1874	11,983	17,532,971	49,043,700	66,576,671	12 50
1875	11,983	16,467,714	50,155,300	66,623,014	12 50
1876	11,799	14,629,553	48,006,900	62,636,453	17 00
1877	11,593	12,878,050	42,877,000	55,755,050	16 00
1878	11,556	12,067,440	37,547,700	49,615,140	17 20
1879	11,892	11,892,898	37,345,200	49,238,098	17 00
1880	12,644	11,699,660	37,929,400	49,629,060	16 00
1881	13,831	12,552,190	39,124,300	51,676,490	16 00
1882	13,922	11,577,080	39,091,200	50,668,280	16 60
1883	14,870	11,975,640	39,821,700	51,797,340	16 40
1884	15,399	12,259,491	41,289,200	53,548,691	16 80
1885	16,036	12,758,255	42,588,300	55,346,555	15 50
1886	16,544	14,490,470	44,955,200	59,445,670	15 00
1887	17,105	13,310,310	46,342,500	59,652,810	16 00
1888	17,558	14,241,640	48,208,400	62,450,040	15 00
1889	18,242	14,305,900	50,283,100	64,589,000	16 00
1890	19,082	15,294,625	52,177,300	67,471,925	15 60
1891	20,582	16,445,270	54,136,400	70,581,670	15 50
1892	21,482	17,620,195	56,619,900	74,240,095	16 00
1893	22,489	17,500,189	58,781,500	76,281,689	16 40
1894	22,172	16,658,320	60,877,300	77,535,620	15 80
1895	22,781	16,607,360	64,303,700	80,911,060	15 70
1896	23,847	15,914,995	67,835,100	83,750,095	15 10
1897	24,407	16,302,545	70,339,200	86,641,745	17 50
1898	24,628	16,642,990	72,908,100	89,551,090	16 40
1899	24,995	16,991,995	74,550,800	91,542,795	17 10
1900	25,117	17,865,230	76,600,700	94,465,930	16 90
1901	25,306	17,648,575	78,568,300	96,216,875	16 90
1902	25,680	17,742,985	80,396,900	98,139,885	18 30
1903	25,749	17,708,510	87,063,400	104,771,910	16 90
1904	25,968	17,346,500	87,481,100	104,827,600	17 90
1905	26,696	15,994,100	87,851,500	103,845,600	19 00
1906	26,434	16,550,235	88,603,000	105,153,235	18 60
1907	26,064	17,773,990	89,235,300	107,009,290	18 80
1908	25,815	16,854,775	90,026,300	106,881,075	20 10
1909	25,898	16,118,635	90,839,500	106,958,135	21 00

VALUATION OF TAXABLE PROPERTY SINCE 1846 — *Continued*

Year	Polls	Personal Property	Real Estate	Total	Tax Rate
1910	\$26,660	\$18,774,935	\$ 92,021,800	\$110,796,735	\$20 10
1911	26,810	17,409,635	94,171,600	111,581,235	19 90
1912	28,110	18,621,000	97,326,300	115,947,300	20 40
1913	28,297	19,977,190	101,155,100	121,132,290	20 40
1914	28,620	23,054,995	104,836,400	127,891,395	21 40
1915	28,858	23,096,810	107,014,000	130,110,810	23 00
1916	28,937	23,381,270	108,258,300	131,639,570	23 50
1917	29,127	*14,729,562	116,868,400	131,597,962	23 50
1918	31,184	16,385,984	118,175,700	134,561,684	25 00
1919	31,103	17,937,691	118,722,700	136,660,391	28 30
1920	35,780	17,268,272	124,436,700	141,704,972	31 30
1921	31,681	18,637,472	127,274,600	145,912,072	29 10
1922	33,547	18,597,415	128,796,200	147,393,615	30 00
1923	33,966	18,867,800	133,393,800	152,261,600	29 90
1924	34,538	20,300,100	138,152,000	158,452,100	33 30
1925	34,621	20,351,000	146,132,200	166,483,200	32 50
1926	34,292	19,967,000	153,581,500	173,548,500	33 30
1927	34,399	23,081,100	160,304,600	183,385,700	31 60
1928	35,288	†22,689,600	165,838,600	188,528,200	31 40
1929	34,545	17,599,200	170,857,100	188,456,300	32 70
1930	34,360	17,240,600	173,512,700	190,753,300	35 70
1931	34,338	18,007,700	173,936,700	191,944,400	33 90
1932	33,948	17,629,600	173,597,800	191,227,400	37 20
1933	33,287	16,167,200	170,597,400	186,764,600	33 50
1934	33,454	15,378,700	167,502,700	182,881,400	38 20
1935	33,898	15,390,400	165,226,100	180,616,500	41 00
1936	34,988	15,207,000	163,100,900	178,307,900	40 50
1937	33,138	‡10,878,800	161,831,000	172,709,800	39 60
1938	32,439	11,301,900	161,708,700	173,010,600	41 00

*State Income Tax was first levied in 1917 removing intangible personal property from local taxation.

†1923 was the last year automobiles were taxed locally as personal property.

‡Machinery of manufacturing corporations taxed by the State in 1937.

SEVENTY-SECOND ANNUAL REPORT OF THE CITY ENGINEER

For the Year Ending December 31, 1938

To the Honorable City Council:

The City Engineer hereby submits his annual report, being the seventy-second of the Department, showing the operations and expenditures of the Engineering and Sewer Departments for the year ending December 31, 1938. A brief summary of the work of the Engineering and Sewer Departments for the period of one year is as follows:

FOR HIGHWAY DEPARTMENT

Number of surveys made.....	14
Number of street lines given.....	215
Number of grades given.....	269
Number of streets on which paving, curbs, etc., were measured.....	34
Number of assessments prepared.....	84
Number of plans and profiles prepared.....	10

FOR SEWER DEPARTMENT

Number of surveys made.....	11
Number of lines given.....	70
Number of grades given.....	117
Number of sewers measured.....	20
Number of plans and profiles prepared.....	56
Number of photographic negatives made.....	6

FOR WATER DEPARTMENT

Number of surveys made.....	7
Number of lines given.....	10
Number of grades given.....	11
Number of plans and profiles prepared.....	6
Number of photographic negatives made.....	22

FOR LAW DEPARTMENT

Number of surveys made.....	138
Number of plans prepared.....	21
Number of photographic negatives made.....	126

FOR PARK DEPARTMENT

Number of surveys made.....	5
Number of lines given.....	36
Number of grades given.....	38

Number of plans and profiles prepared	4
Number of photographic negatives made	2

FOR CEMETERY DEPARTMENT

Number of surveys made	1
Number of lines given	2
Number of grades given	2
Number of plans and profiles prepared	0

FOR MISCELLANEOUS WORK

Number of circuit bench levels	0
Number of houses measured	0
Number of plans, profiles, tracings, etc., prepared	71
Number of surveys made	7
Number of lines given	48
Number of grades given	21
Number of photographic negatives made	116

There are on file in this office 15,176 plans.

FINANCIAL

Engineering Department

SALARIES

Appropriation	\$22,309 50
Expended	22,306 50
Balance	<u>\$3 00</u>

GENERAL EXPENSE

Appropriation	\$744 00
Expended	654 04
Balance	<u>\$89 96</u>

In addition to and including the above amounts charged to salaries of assistants, there has been expended and charged to the Department as follows:

To Assessors' Plans	\$1,594 00
To Sewer Department . . . . .	.....
To Water Department . . . . .	.....
To salary of City Engineer	4,700 00
To salaries of assistants	17,606 50
Total	<u>\$23,900 50</u>

CLASSIFICATION OF SALARIES OF ASSISTANTS

Accidents: surveys, plans and court attendance for Law Department . .	\$1,342 10
Accounts: bookkeeping and clerical work	1,716 00
Assessors' Plans: plans, surveys, measurements and work on Block Plans for Assessors' Department	1,594 00
Bridges: surveys, plans, examinations and estimates	223 42
Cemetery: surveys, measurements and plans setting out lots at Cam- bridge Cemetery	111 00
Highways: surveys, levels, plans, titles, estimates, measurements and assessments for Highway Department, also lines and grades given for private parties	5,610 33
Miscellaneous: unclassified work for committees and departments, vacations and sickness	2,707 98
Parks: surveys, lines, grades, plans and estimates for Park Department	756 84
Sewers: lines, grades, plans, surveys, estimates, accounts, measure- ments and assessments for Sewer Department	4,017 12
Water Department: lines, surveys, plans and estimates for Water Depart- ment	1,117 71
Total	<u>\$19,196 50</u>

REVENUE

137 Copies of Map of City	\$13 70
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ASSESSORS' BLOCK PLANS

No new plans were drawn, printed or mounted for the Assessors' Department this year, but changes in divisions of lots and plotting of buildings were made on the old Block Plans.

Appropriation	\$1,594 00
Expended for salaries	1,594 00
Balance	<u>.....</u>

CITY BRIDGES

The annual inspection of the city bridges was made and the following is a report of the present conditions.

Wellington Bridge, over Wellington Brook at Blanchard Road. This bridge is in a very dangerous condition. The fence is dangerous and should be repaired at once. The ends of the deck planking are rotted and breaking off. The main decking needs repairing. Many stringers need replacing.

The stone abutments need rebuilding at once, and unless they are taken care of immediately will not be safe for the load they carry. I recommend that the bridge be replaced with two concrete pipes or some type of concrete or iron culvert that would eliminate the expense of a new bridge or repairs in the future. I cannot stress these repairs too strongly because of increased traffic over this bridge, including busses, trucks, etc. This bridge should be closed at once until repairs can be made. The wooden stringers that support the deck are rotted at the abutments.

Huron Avenue Bridge, at Fountain Terrace. The steel work on this bridge needs scraping and painting badly. The steel fence needs painting and repairing. The sidewalk planking needs replacing. Otherwise the bridge is in fair condition, but some of the steel members could be reinforced because of increased heavy traffic over this bridge. The steel girders are rusted at the abutments and should be repaired.

Huron Avenue Bridge, at the Watertown Branch, Boston and Maine Railroad. This bridge is in good condition. The steel work and pedestals must be cleaned and painted and clay kept away from them as the steel is corroding. The steel fence is badly in need of scraping and painting. Some of the sidewalk planking should be replaced. With a few minor repairs on the steel this bridge is in good condition.

Walden Street Bridge, over Boston and Maine Railroad (Fitchburg Division). The main steel girders should be painted as soon as possible. The concrete curbing at the side of the road is beginning to break and needs immediate repairs. Otherwise the bridge is in good condition and needs very little work done on it. Northerly abutment should be cemented at joints of stone. Wing wall on west side of bridge should be repaired at once.

Sixth Street Bridge, over Broad Canal. This bridge is in good condition. The four (4) dolphins are in very poor condition and should be renewed at once for the protection of the bridge. The steel should be painted and the safety gates repaired so that they will be able to operate.

Walings need repairing and some replaced. The wood deck on the bridge needs repairing. The bridge should be adjusted to operate freely because of binding on openings. The main deck of the bridge should be repaired.

Third Street Bridge, over Broad Canal. This bridge is in good condition. The steel should be painted and the safety gate arms should be repaired. The dolphins at the corners of the draw are in poor condition and should be repaired at once.

The sidewalk decking should be repaired. Adjustment should also be made at this bridge as of Sixth Street. There should be new walings and some new piles at this bridge.

Commercial Avenue — Under repair.

First Street Bridge — Under repair.

STREETS LAID OUT AND ACCEPTED FROM JANUARY 1, 1938, TO DECEMBER 31, 1938

Length of accepted streets in the City December	
31, 1938.....	114.604 miles
Accepted in 1938.....	..... miles
Discontinued in 1938.....	..... miles
Total length of accepted streets December 31, 1938	114.604 miles
Total length of unaccepted streets December	
31, 1938.....	13.925 miles
Total mileage open for travel.....	128.529 miles

CLASSIFIED SCHEDULE OF SEWERS AS BUILT TO DECEMBER 31, 1938

Vitrified and cement.....	124.360 miles
Brick.....	44.169 miles
Wood.....	2.921 miles
Cement concrete.....	15.253 miles
Iron pipe.....	0.365 miles
Miscellaneous materials.....	2.333 miles
<hr/>	
Total length of sewers constructed to date...	189.401 miles

GENERAL SEWER CONSTRUCTION

The total length of new sewers constructed during the year was 4.107 miles, making a total mileage in the city of 189.401 miles. The total length of streets newly sewered during the year was 0.02 mile, making a total mileage of streets sewered with one or more conduits 30.486 miles. There were 0.071 mile of old sewers relaid and 2.980 miles replaced.

There are 99 577 miles of combined sewers in the city, 57.578 miles of sanitary sewers and 32.246 miles of storm sewers, making a total of 189.401 miles.

STREET CATCH BASINS

The total number of catch basins in the city is now 2,739.

Catch basins with wooden covers.....	247
Catch basins with sidewalk flaggings.....	1,080
Catch basins with "D" frames.....	1,343
Catch basins with miscellaneous covers.....	69

Twelve new catch basins have been built during the year at a cost of \$3,160.40.

Fifty-five catch basins have been repaired during the year at a cost of \$3,155.00.

One thousand nine hundred and thirty-five cubic yards of material have been removed from 1,444 catch basins during the year at a cost of \$5,435.75.

Eleven persons have been licensed during the year as drain-layers.

Permits have been granted private drain connections or repairs as follows:

For connection to sanitary sewers.....	22
For connection to combined sewers.....	24
For connection to storm sewers.....	14
For repairs.....	39
Total.....	99

A total number of 60 permits for connections and 39 for repairs.

METROPOLITAN SEWER TAX

Appropriation.....	\$105,763 98
Sinking fund requirements.....	\$3,478 44
Maintenance and operation.....	67,831 48
Interest account.....	14,027 06
Maturing serial bonds.....	20,427 00

SEWERS CONSTRUCTED JANUARY 1, 1938 TO DECEMBER 31, 1938

Street	From	To	Material	Size in Inches			Number of			Av. Depth in Feet	Length in Feet		
				Combined	Storm	Sanitary	Manholes	Lamp-holes	Inlets		Combined	Storm	Sanitary
Alewife Brook	Hampshire Street	Broadway	C. I. Pipe	.....		12	2	.....	.....	.....	.....		55.0
Amory Street			Akron Pipe	.....	24		5	.....	.....	.....	.....	1227.00	.....
Brattle Street	Brown Street	W'y	Concrete Pipe	.....	15-12								
Healey Street	Parker Street	Buckingham Street	Akron Pipe	.....	15	8		2	7			108.75	109.75
			Concrete Pipe	.....	18	10	1	2				376.0	376.0
			Akron Pipe	.....	15-12								
Holworthy Place	Park Avenue	S'y	Concrete Pipe	.....	24							283.0	.....
Rindge Avenue Ext.	Rear American Oil Co.		Concrete Pipe	.....	36							54.0	.....
River Street	At Memorial Drive		Concrete Pipe.	.....	24		2					111.70	.....
Sparks Street		Stopped Construction											
Willard Street	At Mt. Auburn Street		Concrete Pipe	.....	36		1					55.5	.....
*Windsor Street	Cambridge Street	S'y	Concrete Pipe	.....	18-15	10-8	2					450.0	470.0
			Akron Pipe	.....								

*Relay.

WPA CONSTRUCTION

Austin Street	Main Street	Inman Street	Concrete Pipe	.....	36-33-18	15-12						1893.0	2155.0
Bristol Street	Hampshire Street	Market Street	Akron Pipe	.....	15-12	8						322.0	305.0
Franklin Street	Bay Street	Putnam Avenue	Concrete Pipe	.....	27	12							
Market Street	Columbia Street	Bristol Street	Akron Pipe	.....	24-12	8						633.0	248.0
Massachusetts Avenue	Alewife Brook Parkway	Milton Street	Concrete Pipe	.....	24-18	10-8						933.0	933.0
Norfolk Street	Austin Street	Harvard Street	Akron Pipe	.....	15-10								
Osborne Street	Main Street	Albany Street	Concrete Pipe	.....		18-15							
Putnam Avenue	Green Street	Kinnaird Street	Akron Pipe	.....	18-15-12	10-8						845.0	845.0
School Street	Windsor Street	Austin Street	Concrete Pipe	.....	24-18-12	15-12						723.0	723.0
State Street	Massachusetts Avenue	Osborne Street	Akron Pipe	.....	8	8						447.0	447.0
			Concrete Pipe	.....	12	8						705.0	.....
			Akron Pipe	.....	30							873.0	873.0
			Concrete Pipe	.....	24-18	12-10							
			Akron Pipe	.....	15	8							

SEWER CONSTRUCTION ACCOUNT

Appropriation.....	\$198,539 05
Expended.....	172,652 13
Balance.....	<u>\$25,886 92</u>

Expended

General expense*.....	\$13,070 56
New catch basins.....	3,160 40
Amory Street sewer.....	11,608 92
Spark Street sewer extension.....	5,399 93
Healey Street sewer.....	9,773 53
Windsor Street sewer.....	8,447 97
Park Avenue sewer.....	14,991 30
Brattle Street sewer extension.....	3,111 46
Burleigh Street sewer.....	3,130 50
Davis Street sewer.....	2,561 00
Willard and Mt. Auburn Streets, sewer extension.....	6,672 21
	<u>\$81,927 78</u>

* Includes one-half the salary of Superintendent of Sewers.

The following amounts were the city's contribution to Works Progress Administration Projects on sewer construction, the city paying for all materials and tools and supplying all trucks, dericks, pumps, compressors and experienced labor.

School Street sewer.....	\$1,530 47
Osborn Street sewer.....	5,181 81
State Street sewer.....	4,567 05
Massachusetts Avenue sewer.....	15,483 97
Franklin Street sewer.....	3,007 90
Bristol and Market Street sewers.....	7,990 74
Norfolk Street sewer.....	1,408 96
Austin Street sewer.....	20,034 61
Pleasant, Hamilton, Prince Streets, etc., sewers.....	24,601 82
Hampshire Street sewer.....	2,081 27
	<u>\$93,461 92</u>
Expenditures.....	\$175,389 70
Refunds; gasoline tax, etc.....	2,737 50
	<u>\$172,652 13</u>
Total expenditure.....	\$172,652 13

SEWER MAINTENANCE

Appropriation.....	\$38,923 50
Expended.....	38,301 85
Balance.....	<u>\$621 65</u>

TABLE SHOWING RAINFALL AT STONY BROOK BASIN AT WALTHAM, AT HOBBS BROOK BASIN IN WESTON, AT CITY HALL, CAMBRIDGE, AND AT CONCORD, FOR 1938

Day of Month	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				Day of Month					
	Stony Brook	Hobbs Brook	City Hall	Concord	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.														
1	.40	.69	1.4	.65	.25				.35				.17		.09	.03	.30			.05					.25	.21	.01		.24	.02	T	.01		.01	.02	.19											1							
2	1.15	.03	.50	.25										T	.03								.22		.08	.14	.14		.01	.13																2								
3						.60	.59	.57			T	T	.02	T									T	T	T			T																			3							
4					.63					T	T				.01	T					.02	.40	.57	.07		T	T	T				T	T										.11	.06	.08		4							
5									.02	.34	.31	.10								.35	T	.03	.51		.14	.01	T																					5						
6		.39				.35	.27		.44		.10	.17						.12	.02	.02	.01				.02		.05	.12		.06	.15	.16									.05	T	.07	1.0	.26	.84	.83		6					
7	.30	.35	.36	.70	.35		.07	.09									.09		.03	.06									.12		T				.26	.19	.20									.02		.30		7				
8	.45										T				1.07	.85	.29		.01	T				.02	.07					.28	.35	.27	.25									.26	.05	T		.09	.10	.09		8				
9							.01	T					1.25	.24	.67	1.04			T	T	.02				.08				.22														.16		.15	.13	.07	.94	.18	.72		9		
10					.05		T			.05			.36	T	T	T		.07	.10	.11		.41			.13	.09	.09		.46	T															.80	T	.60	T		10				
11		.41								.05			.01				.11					.37	.28			.70	.84	.48	.03	.21	.42															.11	T	.01			11			
12		.03	.03						.05		.06	.03				T	T		.40	.43	.29	.52	1.07	.65	.06	.65	1.26	.42	.11	.03				1.01	.27											.02	.05	T	.04		12			
13	.60		.81	.80		.27	.14	.07	.10		T	T					.39		T	T	1.06	T	.41	1.60	.11	.06	T	.11		T			1.02	.16	.65	1.06														13				
14	.03				.29		.12	.20			T		.01				1.77	.36		.02						.05	.06						.06	.15		.03	.02	.06	.01	.05									14					
15						.83				.83			.44	.43	.32	1.84	.66	1.57	1.84						T	T	T						.08	.40	.36	.47	.01													15				
16		.20	T			.50	.69	.18	.34					T	.05			.01	.04			T	.01	T	.03	T			1.03	1.67	T	.44			.02									.11		.02				16				
17	.22	.12	.45	.32		.08	.03		.92	.69	.88		.07	T					T		.01		T					.85		.33	1.29		.62	.56	.31							.07	.15	.13	.23		.05	T	T		17			
18	.28					.09	.02	.07	.07	.39		.01	.24	.11	.76	.60	.66								.91	.92	1.61	.01	.27	.10	T	.75	2.42	1.19	1.30							.13	.02	T	.03		.04	.02	.07		18			
19						.04	.21	.03	.01		.02		.58		T	.23			T			.61	.13	.11	1.0	.03	.40	.52	.32		.01	.18	2.20	1.04	.67	3.66							.98	1.24	.79	.07		.07	.48		19			
20						.40	.11	.50	.35			.01	.01		.02			.03	.03	.04	.01	.20			.51	.56	.88	.30					1.35	.75	1.50	2.43		.16	.05	.03	1.08			.03	.47	.04			T			20		
21		.18	.07		.46				.02							T	.03	.04	.20					1.38	2.60	2.33	1.87					.45	.22	.10	2.47	.17		.04	.19											21				
22	.21	.15	.22	.20		.08	.04						.07	.06	.08	.16	.03	.26	.24					3.95	.97	.83	.48			T	.25	T																		22				
23	.17		.04	.17	.11	T	.05	.10		T			.10											1.12	3.14	1.76	1.57		.12	T															.24	.13	.12		.02	T			23	
24			T			.03	.05	.02		.02		T	T				.01	.25	.19	.41				2.65	.18	.55	.50	.15		.13	.10						.49	1.02	1.10	1.09	.19	.98	.27	.18	.02		.06				24			
25	.64	.50	.81	.67	.25	.17	.32	.15							T	T	.30		T			1.11			.27		T	.26								1.13		.29	1.04	.01	.27	.76	.05	.41	T					25				
26	.48	.71	T		.27			.08		.33	.41	.28					.72	.29	.01			1.75	1.10	.94										.15				.09	.23	T		.06			.44				26					
27						.06	.01	.01	.39		T						.95	.03	1.10	.55	1.18	.57	1.73	2.07		.02	.11	T		.07	.32	.21			.15			.19	.05		.14	.12	.03	.32	.08	.52	.28	.43		.32	.02			27
28					.04	.04	.11	.10									.04	.02	T		1.85		1.26	.80		T	T		.91					.29				.35	.36	.39	.19	.16					.12	T					28	
29													.19	.27	.04	.01		.01	.01	.50				.02	.28		.95	.07	1.10	.02							.19																29	
30										.08	.05	T	.49	.18	.21	.24									.08		T	.03			.06	.01	.17		.19	.31	.21									.01	.06	.02					30	
31	.01	.25	.22	.25					.07	.10	.09	.10																		.10	.02																						31	
Total	4.94	4.01	4.91	4.01	3.26	2.04	2.38	1.80	2.77	2.30	2.42	1.99	3.44	3.04	3.22	2.96	4.42	4.30	4.42	3.64	5.74	5.92	6.3	6.79	12.12	11.15	9.46	9.72	3.25	2.64	2.31	2.93	7.15	7.37	6.0	12.2	2.56	2.27	2.43	1.96	3.31	3.11	2.89	3.08	3.15	2.94	2.80	3.54	Total					

The Engineering Department is organized as follows:

City Engineer
G. FRANK HOOKER

Deputy City Engineer
EDGAR W. DAVIS

Superintendent of Sewers
THOMAS P. O'NEILL

Secretary and Clerk
GENEVIEVE G. HANNON

Assistants
RAY L. COOLIDGE, Assistant Engineer, Assessments and Office Work
DONALD J. REARDON, Assistant Engineer, Office Assistant
EDWARD SMITH, Assistant Engineer, Field Work

Transitman
JOSEPH P. CARNEY

Draftsmen
EDWARD F. CARNEY
J. DONNELL SULLIVAN
JOHN H. CORCORAN

Rodman
JOHN A. ALTIMAS

Respectfully submitted,

G. FRANK HOOKER,
City Engineer.

ANNUAL REPORT OF THE SUPERINTENDENT OF STREETS For the Fiscal Year Ending December 31, 1938

To the Honorable City Council:

In accordance with the provisions of Chapter 25 of the Revised Ordinances of the City of Cambridge, the annual report of the Superintendent of Streets for the year ending December 31, 1938 is hereby submitted. A summary and analysis of the expenditures of the Department follow:

GENERAL MAINTENANCE EXPENDITURES

"A" Labor payrolls.....	\$246,195 57	
"B" Service items.....	67,839 43	
"C" Equipment items.....	716 65	
"D" Supplies.....	12,486 92	
"E" Materials.....	2,389 31	
"F" Special items.....	1,814 10	
	<hr/>	\$331,441 98

GARAGE AND SHOP ACCOUNT

"A" Labor payrolls.....	\$27,999 43	
"B" Service items.....	929 91	
"D" Supplies.....	2,196 74	
	<hr/>	31,126 08

SANITARY ACCOUNT

"A" Labor payrolls.....	\$183,465 56	
"B" Service items.....	2,806 93	
"C" Equipment.....	133 56	
"D" Supplies.....	13,087 09	
"F" Special items.....	1,133 64	
	<hr/>	200,626 78
		<hr/>
		\$563,194 84

ANALYSIS OF MAINTENANCE EXPENDITURES

Executive Office Expenses:		
Salary of Superintendent.....	\$4,250 00	
Salaries of office clerks.....	8,854 66	
Postage.....	25 00	
Advertising.....	42 00	
Special stenographic fees.....	269 28	
Office supplies.....	456 43	
Water.....	55 00	
Furniture and fittings.....	10 00	
Typewriter.....	107 73	
Typewriter repairs.....	21 00	
Weather reports.....	20 00	
	<hr/>	\$14,111 10
<i>Amount carried forward.....</i>		<hr/>
		\$14,111 10

<i>Amount brought forward</i>		\$14,111 10
General Maintenance Street Expenses,		
Repairing and Cleaning:		
Street cleaning payrolls	\$70,347 10	
Street repairing	126,300 37	
Road materials	2,305 91	
Hire of equipment	3,112 93	
		202,066 31
Maintenance, Motor Equipment:		
Outside labor	\$735 09	
Ford parts	1,019 26	
Reo parts	1,066 70	
Tractor parts	130 15	
Gas roller parts	401 53	
Mack parts	121 61	
Tires and tubes	1,022 88	
Stock	483 30	
Dodge	93 50	
Gasoline and motor oil	3,975 17	
Registration fees	81 00	
		9,130 19
Sweeper parts — mechanical	\$839 98	
Brooms for sweeper	247 50	
		1,087 48
Steam roller repairs:		
Parts	\$379 48	
Labor	99 53	
		479 01
Snow loader repairs		182 89
Street Signs and Traffic Signals:		
Traffic paint	\$511 75	
Sign paint	338 50	
Brushes, paint shop supplies	286 10	
Steel plates for signs	112 31	
Iron pipe for signs	85 80	
Lumber	183 46	
		1,517 92
Miscellaneous:		
Lanterns	\$51 25	
Electrical supplies	15 85	
Kerosene	55 00	
Hardware, rope, miscellaneous items	430 41	
Boiler inspection	25 00	
Rubber coats for men at dump	8 10	
		585 61
Snow Removal:		
Permanent labor	\$15,663 18	
Temporary labor	19,789 41	
Equipment hire	26,037 64	
Snow shovels	108 00	
		61,598 23
Tools and Equipment:		
Push brooms	\$123 75	
Sledge hammers	51 00	
Picks and handles	123 50	
<i>Amounts carried forward</i>	\$298 25	\$290,758 74

<i>Amounts brought forward</i>	\$298 25	\$280,758 74
Files, bolt cutters, wrenches, hammers, etc.....	76 57	
Grease gun.....	108 00	
	<hr/>	482 82
Motor Equipment:		
1 Buick sedan.....	\$1,107 50	
2 Used gas rollers.....	8,550 00	
4 2T dump trucks.....	7,368 92	
10 2T chassis trucks for garbage units.....	13,024 70	
10 refuse collection bodies.....	12,884 00	
	<hr/>	42,935 12
Bridges:		
Drawtenders' salaries.....	\$36,343 44	
Light and power.....	1,507 15	
Fuel.....	109 63	
Lumber.....	38 55	
	<hr/>	37,998 77
Workmen's Compensation:		
Compensation paid.....	\$1,814 10	
Medical supplies.....	38 55	
Medical services.....	349 00	
	<hr/>	2,201 65
		<hr/>
		\$374,377 10

GENERAL STREET MAINTENANCE AND REPAIR

This appropriation was expended for general maintenance of the Department, which includes street cleaning, maintenance of drawbridges, repairs to pavements, maintenance of equipment, upkeep of street signs and traffic equipment and general office expenses.

During the year two gas rollers were purchased and four two-ton dump trucks. The addition of this new equipment to the Department has greatly increased the efficiency of the maintenance division. However, further additions are still needed to place the rolling stock of the Department in first-class condition, as the greater number of the trucks still used on maintenance and street cleaning work are from seven to eight years of age and the repair costs on these vehicles are prohibitive and increase each year.

The two sweepers in use in the Department since 1936 are badly in need of a general overhauling, and it is believed that when these machines are completely renovated the Department will continue to get a number of years of further service from them. An additional sweeper would be of material assistance in efficient street sweeping and cleaning, and it is hoped that the Department may obtain one within the next year.

The drawbridges of the several bridges in the City under the jurisdiction of the Street Department have been in a deplorable condition for the past several years and arrangements have been made for a PWA grant in the year 1939 for the renovation of these bridges. It is expected that this work will commence sometime in 1939 and when completed will eliminate a dangerous condition now existing on several of the bridges.

During the year 1938 a PWA grant was received for the construction of a new garage at the Hampshire Street yard. This garage is now near completion and it is expected to be ready for occupancy sometime in the late spring of 1939. With the completion of this new garage all the services of the Department, with the exception of the Offal Division, will be centralized at Hampshire Street, and all of the motor equipment of the Department will be housed in the new garage. This should greatly aid in the more efficient handling of the work of the Street Department.

GARAGE AND SHOP ACCOUNT

Pay roll	\$27,999 43	
Lighting	407 25	
Telephone	491 46	
Towel service	31 20	
Fuel	1,387 00	
Soap, etc.	17 40	
Die and stock	89 28	
Miscellaneous, leather, rope, etc.	107 09	
Lumber	115 97	
Hardware and plumbing supplies	294 36	
Paint	122 20	
Electric	63 44	
		<u>\$31,126 08</u>

This appropriation was used for the payroll of the men regularly employed in the Hampshire, Raymond and New Street yards and shops, and for the general upkeep and maintenance of the buildings. The larger items expended, such as lighting, telephone and fuel, are more or less fixed charges and do not vary greatly from year to year.

COLLECTION OF ASHES

Foremen	\$6,837 00	
Chauffeurs	51,092 00	
Laborers	60,615 43	
		<u>\$118,544 43</u>
Truck hire	284 55	
		<u>\$118,828 98</u>
<i>Amount carried forward</i>		\$118,828 98

<i>Amount brought forward</i>	\$118,828 98	
Dynamiting and extinguishing fires, New Street and Smith Place dump	1,350 00	
Canvas	98 56	
Motor repair — labor	245 95	
Motor parts	2,519 37	
Motor fees	50 00	
Gasoline and oil	5,671 30	
Compensation payments	725 12	
Medical services	448 64	
		\$129,937 92

The following table shows the amount of material collected and the approximate cubic yardage of collection:

<i>Loads</i>	<i>Ashes</i>	<i>Paper</i>
January	2,143	....
February	2,386	618
March	2,434	660
April	2,029	677
May	1,846	744
June	1,814	60
July	1,810	....
August	1,871	....
September	2,035	....
October	2,399	....
November	2,524	....
December	2,575	....
	25,866	2,759
Average yardage per load	6	5
Estimated yardage	155,196	13,795
		155,196
		169,991

The material collected during the year was disposed of in the dump at the extension of Rindge Avenue.

During the year the usual complaints were received regarding dumping on an open area as this creates a health menace due to fires breaking out on the open dump areas and the nuisance created by odors arising from dump material.

However, the City has secured a PWA grant during the year and work was commenced on the erection of a modern incinerator in the Raymond Street yard. This incinerator will be finished sometime in 1939 and will be a solution of the dumping problem in this City for a number of years to come.

COLLECTION OF HOUSE OFFAL

Foremen	\$ 2,803 00	
Chauffeurs	24,804 00	
Laborers	37,314 13	
		\$64,921 13
<i>Amount carried forward</i>		\$64,921 13

<i>Amount brought forward</i>	\$64,921 13	
Motor repair — labor	143 93	
Motor parts	1,480 45	
Motor fees	30 00	
Gasoline and oil	3,330 37	
Compensation payments	408 52	
Medical services	252 36	
Tubs, handles, hoops, etc.	122 20	
		<hr/> \$70,688 86

The following table shows the number of cord feet of offal collected during 1938:

January	2,754
February	2,482
March	2,991
April	2,791
May	2,909
June	2,787
July	2,194
August	2,446
September	2,668
October	2,876
November	2,918
December	3,052
	<hr/> 32,868

The collections for 1938 were disposed of in the usual manner by sale to hog raisers.

The cash receipts for the year amounted to \$15,451.10.

The demand among the hog raisers for the offal still exceeds the supply, but this condition may not always remain, and eventually some mechanical method for the disposal of the offal will have to be made.

During the year ten new two-ton trucks equipped with refuse collection bodies were added to the Sanitary Division of the Department. These trucks are used exclusively in the collection of house offal. With the addition of this equipment the Sanitary Division of the Street Department now has one of the most modern and sanitary offal fleets operating in the country.

CONSTRUCTION ACCOUNT FOR 1938

During the year the Department expended a total of \$627,289.12 for construction work on streets. A summary of the manner in which this money was spent follows:

Labor	\$423,594 38
Truck hire	43,538 43
Edgestone	6,653 00
Concrete	21,968 24

Bituminous concrete.....	85,897 83
Stone.....	15,983 26
Lumber.....	233 83
Globes and lanterns.....	684 86
Cinders.....	1,529 00
Penetration asphalt.....	3,922 71
Tools.....	2,739 88
Deformed steel.....	2,445 39
Asphalt binder.....	15 93
Roller coal.....	599 00
Asphalt paint.....	55 24
Kerosene.....	170 50
Sand.....	2,794 50
Gasoline.....	4,376 37
Brooms.....	203 75
Expansion joints.....	114 06
Curing mats.....	240 00
Asphalt liquid.....	19 50
Inspection service.....	1,776 93
Brick.....	2,759 53
Spreader hire.....	1,316 20
Cement.....	336 20
Emulsion.....	3 34
Risers.....	84 00
Sandals.....	7 00
Sewer brick.....	160 00
Jute.....	9 40
V. C. and C. D. pipe.....	1,343 01
Frames and castings.....	794 60
Curb inlets.....	77 00
Iron.....	20 69
Templates.....	110 00
Hay.....	19 76
Tar paper.....	3 00
Wire clips.....	6 00
Parabound.....	468 00
Lamp black.....	214 00
	<hr/>
	\$627,289 12

Among the principal streets resurfaced during the year were the following:

Allston Street.....	Rebuilt with bituminous concrete
Amherst Street.....	Rebuilt with bituminous concrete
Amory Street.....	Rebuilt with bituminous concrete
Appleton Street.....	Rebuilt with bituminous concrete
Austin Street.....	Rebuilt with bituminous concrete
Binney Street.....	Rebuilt with ready mixed concrete
Bolton Street.....	Rebuilt with bituminous concrete
Bow Street.....	Rebuilt with bituminous concrete
Bristol Street.....	Rebuilt with ready mixed concrete
Carleton Street.....	Rebuilt with bituminous concrete
City Hall Avenue.....	Rebuilt with bituminous concrete
Concord Avenue.....	Rebuilt with bituminous concrete
Dale Street.....	Rebuilt with penetration asphalt
Deacon Street.....	Rebuilt with penetration asphalt
Decatur Street.....	Rebuilt with bituminous concrete
Fern Street.....	Rebuilt with penetration asphalt
Foster Street.....	Rebuilt with ready mixed concrete

Franklin Street.....	Rebuilt with bituminous concrete
Hastings Square.....	Rebuilt with bituminous concrete
Hayward Street.....	Rebuilt with bituminous concrete
Healey Street.....	Rebuilt with bituminous concrete
Hilliard Street.....	Rebuilt with bituminous concrete
Hurley Street.....	Rebuilt with bituminous concrete
Lincoln Street.....	Rebuilt with bituminous concrete
Market Street.....	Rebuilt with penetration asphalt
Massachusetts Avenue.....	Rebuilt with bituminous concrete
Mount Auburn Street.....	Rebuilt with bituminous concrete
Norfolk Street.....	Rebuilt with bituminous concrete
Osborn Street.....	Rebuilt with ready mixed concrete
Putnam Avenue.....	Rebuilt with bituminous concrete
School Street.....	Rebuilt with bituminous concrete
Second Street.....	Rebuilt with bituminous concrete
Soden Street.....	Rebuilt with bituminous concrete
State Street.....	Rebuilt with ready mixed concrete
Story Street.....	Rebuilt with bituminous concrete
Upton Street.....	Rebuilt with bituminous concrete
Valentine Street.....	Rebuilt with bituminous concrete
Ware Street.....	Rebuilt with bituminous concrete
Wilbur Street.....	Rebuilt with bituminous concrete
Windsor Street.....	Rebuilt with bituminous concrete

Details of construction costs on the above streets are not submitted, as they would be too voluminous.

A great deal of additional work was placed on the Department resurfacing cuts and trenches made by the Water and Sewer Departments.

During the year the Department, with the assistance of the WPA, completed a long list of granolithic sidewalks. These sidewalks were laid upon petition of the abutting owners at a cost to the abutters of twelve cents per square foot. This charge covers the average actual cost of the material used. The labor is performed by WPA workmen under the direct supervision of Street Department foremen. The Department paid into the City Treasury the sum of \$8,522.64, received from sidewalks which were completed. This money was returned to the Department for use on other projects. 71,022 square feet of granolithic sidewalks were laid during the year, and this work is to continue into the next year.

There was also a long list of edgestones and new driveways completed during the year.

A great load of additional work was placed upon the Department due to the devastation caused by the great hurricane of September. Due to the emergency immediately following the hurricane the regular men of the Department, augmented by additional temporary men, worked day and night for a period of two weeks clearing debris and generally restoring to normal

the conditions caused by the storm. It was several months before conditions caused by the havoc due to the storm were really brought back to normal, and during that time the great number of men ordinarily employed in regular maintenance work gave their entire time to alleviating the situation.

This work continued until the end of the year and will go on during the year 1939 restoring streets and sidewalks.

In closing this report, I must express my appreciation of the assistance of His Honor, the Mayor, the City Council and the various other Department heads, without whose whole-hearted coöperation the success of the year's work could not have been accomplished.

Let me also publicly thank the workers throughout the Department for their share in the year's work generally.

Respectfully submitted,

JAMES F. MAHONEY,
Superintendent of Streets

REPORT OF THE BRIDGE COMMISSIONER
For the Boston and Cambridge Commission

EXPENDITURES

Labor, bridge cleaners.	\$1,890 00
Lighting.	2,897 55
Printing, office supplies.	26 13
Lamps, etc.	47 17
	<hr/>
	\$4,860 85

The usual maintenance and policing were carried on this year. No major projects of repair work are needed at this time as the bridges are generally in good repair.

FORTY-SIXTH ANNUAL REPORT OF THE BOARD OF PARK COMMISSIONERS

Cambridge, December 31, 1938.

To the Honorable City Council:

The Board of Park Commissioners has the honor to submit its forty-sixth annual report for the fiscal year ending December 31, 1938. Your attention is directed to the reports of the Superintendent, Stephen H. Mahoney, for detailed information as to the work of the Department.

Respectfully submitted,

CARROLL W. DOTEN, *Chairman*,
MAURICE M. CORKERY,
SAMUEL W. PILL,
JOHN J. McBRIDE,
JOHN A. SPENCER,
JOSEPH GUINEY,
MICHAEL F. SCANNELL,
JESSIE W. BROOKS,
JEREMIAH J. COUGHLAN,
Board of Park Commissioners.

REPORT OF GENERAL SUPERINTENDENT OF PARKS

To the Board of Park Commissioners:

In conformity with the ordinance of the city, I herewith submit the annual report for the calendar year ending December 31, 1938. This report contains an account of the work accomplished during the past year, a statement of the condition of the property under the jurisdiction of the Board and recommendations for the consideration of the Board.

WORKS PROGRESS ADMINISTRATION PROJECTS

With the coöperation of the Federal Government, opportunity was taken to improve further the grounds and facilities of the Department by utilizing WPA labor. In addition to completing several projects which had been started during the previous year, a number of large projects were initiated in 1938 which will greatly improve the service of the Department to the general public. Most of these undertakings were projected with a view to providing better facilities for the recreational program of the Department.

The list of the projects allotted to the Maintenance Division during the year is as follows:

- | | |
|----------------|---|
| 465-14-2-370 | Moth Control (completed). |
| 165-14-3351 | Construction of concrete benches (completed). |
| (consolidated) | Partial grading Rev. P. H. Callanan Playground (completed). |
| | Improvements at Norfolk Street Playground (completed). |
| | Improvements at Golf Course. |
| 465-14-2-59 | Improvements at T. F. Corcoran Playground (completed). |
| | Tennis Courts at R. E. Hoyt Playground (completed). |
| | Tennis Courts, pool and grading at Corporal Burns Playground (completed). |
| 65-14-6522 | Tree surgery and removals. |
| 465-14-3-765 | Tree census. |

- 465-14-2-984 Longfellow Park Roadway (completed).
Pool and indoor bleachers at Rindge Field.
Sundry improvements at Cambridge Field.
Sundry improvements at John J. Ahern Playground.
Renovation of Boardman School.
Construction of new Golf Club House.
Indoor bleachers at R. E. Hoyt Playground (completed).

Some of the items listed in the last-named project have not yet been started, the delay in most cases being due to the undesirability of operating the outdoor projects during winter weather. Among the items projected for spring work are the erection of bleachers at Russell E. Hoyt, John J. Ahern and Rindge Field Playgrounds, the erection of equipment at Norfolk Street Playground, improving the running track at Russell Field and placing a curb along the westerly side of the Public Library grounds.

SHADE TREES

The hurricane which occurred on September 21, 1938, dealt a severe blow to the public and private trees in the city. Approximately four hundred trees under the care of the Department were destroyed, and hundreds of others were so affected that they required trimming, bracing or bolting in order to survive. This number does not include the trees on private property or those under the control of the Metropolitan District Commission, the Water Department or the Cemetery Department. If Cambridge is to retain its civic beauty, immediate steps must be taken to plant approximately one thousand shade trees on our streets and public areas.

In connection with the hurricane, I beg to include in this report a tribute to the employees of the Department, and to the Forestry group in particular, who rendered such valuable and skilful service in the days immediately following the storm. The manner in which the employees met this emergency is indicative of the loyalty of these men and their interest in their work.

At the time of submitting this report the removal of all the stumps from the public ways has been completed. The work on the trees which were damaged will continue for some time to come.

The WPA tree project which was in operation during the two previous years was continued during 1938. The men who had gained experience on this project were of great assistance during the period following the hurricane.

CAMBRIDGE COMMON

Due to energetic care, the Common has retained its orderly appearance, although the lawns and walks are in need of attention. I shall recommend a WPA project for this purpose and also renew the request for a project to clean the soldiers' monument and construct a new fence to enclose it. A tree-root disease, which experts from the Arnold Arboretum and the Massachusetts State College were unable to diagnose, killed nine of the trees on the Massachusetts Avenue side of the Common last spring. The roots were immediately removed and destroyed in order to prevent further damage. The ladies of the Cambridge Plant Club again donated shrubs for the Garden Street border, the results of their cumulative efforts now being quite apparent in the improved appearance of the area.

The backstop on the baseball field was extended and the diamond relocated in an attempt to afford better protection to nearby property.

PUBLIC LIBRARY GROUNDS

The grounds were given the usual attention as to care of grass, trees, shrubs and walks. A few of the larger trees were uprooted by the hurricane and several others required surgical attention. The proposed curbing along the westerly side of the grounds which has been requested in the WPA lists has not as yet been secured. During the coming spring a few concrete benches will be placed along the walks.

LONGFELLOW PARK

This park was greatly improved during the past year by the reconstruction of the entire roadway. A permanent bitulithic top was laid and the resultant surface has added to the appearance as well as the utility of the roadway. Considerable damage was caused to the trees by the hurricane and it will be necessary to plant new trees and shrubs on the Mount Auburn Street side of the park.

BROADWAY COMMON

This area, despite efforts to improve its appearance, is at present the poorest in our park system. It appears to be almost impossible to retain lawns and shrubbery because of the wanton destruction of property which occurs there. The fences are in poor condition and should be given immediate attention. I recommend that the Board exert its influence to secure better police protection for this park.

CITY HALL GROUNDS

The grounds about the City Hall, while in better condition than formerly, are far from satisfactory. Attempts to retain a neat appearance of the lawns and shrubs are frustrated by the use of the grounds by children for play purpose during the hours when the building is not open. I am continuing effort to secure a project for regrading and seeding the grounds, but I regard police protection as a necessity if the property is to be kept in good condition.

The increasing need for more parking space for persons having business with the City offices would seem to warrant the provision of more space in the rear of the building. I recommend that a WPA project be submitted for this purpose.

OTHER PARK AREAS

Winthrop Square, at the junction of Boylston and Mount Auburn Streets, while maintained in fair condition, is in need of a complete renovation. The fence should be repaired, the shrubbery improved and the lawn replanted. As a result of the hurricane, Hastings Square Park has lost some of its trees and shrubs. With the replacement of these, the appearance of this area would be much improved. Dana Square is in fair condition at present, but the condition of the iron fence which encloses it is rather poor. When funds are available, the entire fence should be repaired. It is difficult to keep the area at Fort Washington in good condition because of its constant use for play purposes by children. As in the case of most of our park property, better police protection is greatly needed at this place.

RUSSELL FIELD

In previous reports I have called attention to the deteriorating condition of this, the city's best athletic field. The playing surface has had but little treatment for several years and should

be given a complete dressing. The bleachers, though constantly repaired, are in rather poor condition and the running track should be completely reconstructed.

I again call to the attention of the Board the need of enlarging the building at this field for the accommodation of the hundreds of high school athletes who use the facilities there. On several occasions I have proposed the submission of a WPA project for this improvement.

At the time of submitting this report, it appears that the Department may receive approval from the Federal Government for the improvement of the outer section of Russell Field.

LARGER PLAYGROUNDS

Cambridge Field

At the present time, extensive improvements are being made at Cambridge Field. One-half of the playground section has been regraded and seeded, a new and larger wading pool has been constructed, three tennis courts are in process of construction and the park section near Cambridge Street is being regraded. The progress on these improvements is being impeded by winter weather, but by next summer the results of the improvements should be quite apparent.

I again call to the attention of your Board the need for a larger field house at this location. The condition of the present building is very poor and I urge a project which will include the complete renovation and repair of the present structure and the addition of a new wing to provide facilities for indoor recreational activities.

John J. Ahern Playground

Under the same project which is in operation at Cambridge Field, needed improvements are being made at John J. Ahern Playground. The old wading pool has been replaced by a larger one, a new fence has been constructed around the entire field and excavation has been started for the erection of two sections of concrete bleachers, each section to be one hundred and fifty feet in length. Before next summer, this playground will be in better condition than it has been for a number of years.

Rindge Field

In addition to the improvements noted in last year's annual report, a large wading pool has been added to the facilities at this popular play area. The baseball field was not open for use during the past year because of the new grass which was planted thereon. It is the intention of the Department to open the field for play during the coming spring, and also to begin construction of the new bleachers.

The gymnasium of the building was equipped recently with wooden bleachers, thus providing better conditions for the spectators at the evening sessions. The renovation of the handball court and other improvements to the building are further needs at this center.

Russell E. Hoyt Playground

The two new tennis courts, the construction of which was begun in the fall of 1937, were completed last spring and were in constant use thereafter. New bleachers were constructed inside the building during the past summer. Plans are ready for the erection of new concrete bleachers on the athletic field. All of these improvements were obtained as WPA projects. The most essential future need is the regrading of the entire field.

Extensive repairs have been made recently at the building, including the installation of unit hot water heaters to replace the former large storage tank.

Timothy F. Corcoran Playground

The completion of the retaining wall along the southwesterly border of the Corcoran playground has resulted in a general improvement of the entire field. The wall has made it possible to raise the grade of a large section of the field, thus improving the usefulness of the surface. One result which is already apparent is the enlarged area available for ice skating.

I recommend that the Board attempt to secure the funds necessary for a complete resurfacing of this playground and the erection of a small field house in the westerly corner.

Fresh Pond Playground

The only work done on this field was in the nature of care given the grounds to maintain them in suitable condition for play-

ground use. If permission can be obtained from the Water Board, I suggest that the playground be improved by enlarging the area available for athletic purposes. This can be accomplished by raising the grade of the northeasterly border. The area of the additional surface thus obtained would permit the relocation of the baseball diamond and the construction of tennis courts. I suggest also that a chain link fence be erected along the Huron Avenue border of the playground.

Rev. P. H. Callanan Playground

Although a large amount of work has been done at this expansive location during the past two years, no definite plans have been approved for the ultimate use of the area. The rough grading which has been in progress has made it possible to use a section for play purposes and the rest of the area has been made partially ready for surfacing.

I recommend that the Board of Park Commissioners make an intensive study to determine which of these alternate plans should be adopted for the development of this fine plot of land.

(a) *A Municipal Stadium* with additional provisions for baseball and track athletics. Such a lay-out would provide excellent facilities for the school athletic teams and would invite more extensive participation in athletic games by the community at large.

(b) *A Neighborhood Athletic Field* with provisions for baseball, football, soccer, tennis, softball and similar sports. Such a use would necessitate the erection of a large field house with provisions for indoor recreational activities for the residents of this section of the city.

It is quite possible that the Board might decide to combine the two plans mentioned above and recommend the erection of a stadium on part of the area, leaving the remainder of the plot for use as a neighborhood playground.

SMALLER PLAYGROUNDS

The Corporal Burns Playground on Banks Street is now equipped as a real neighborhood playground. Three new tennis courts and a wading pool were installed last spring and the field regraded.

The Norfolk Street Playground which was laid out last year

has been equipped with a wading pool and a basketball court. Trees were planted along the border and concrete benches erected. This playground now lacks only play apparatus.

The Mothers' Rest Playground on St. Mary's Road has not properly served the purpose for which it was intended. Wanton destruction of the equipment there has occasioned much expenditure of labor and money and has reduced the usefulness of the plot to a minimum. The area is too small for larger children, but unless an attendant is present during both day and evening hours, the larger boys make use of the grounds for purposes other than was intended.

The playgrounds adjoining the Lowell, Sleeper, Morse, Peabody, Fletcher and Wellington Schools were given care as to maintenance of surfaces, fences and equipment. Three of the trees at the Peabody School ground were removed because of their dangerous condition.

GOLF COURSE

Inclement weather on several week-ends resulted in a decrease in receipts from the previous year. In all other respects the course was well patronized during 1938. Two of the greens were rebuilt during the year, the improvements being well received by the golfers. It is the intention of the Department to improve each of the greens in turn because of the thin top soil which covers them and retards their satisfactory growth.

As this report is being written, the work on the excavation for the new club house has been started under a WPA project. Although little progress is expected during the winter season, this excavation will permit the foundation to be placed in the early spring. Upon the completion of the building, I anticipate an increase in the amount of play at the course. With better facilities and a larger number of players, it should be possible to adjust the fees to make the course self-supporting.

BATHING BEACHES

The general conditions at Jerry's Pit and Gerry's Landing were the same as during preceding years, although the Metropolitan District Commission improved the slope of the latter beach during the past year. I again recommend the provision of bathhouse facilities at Jerry's Pit and a request for similar facilities at Gerry's Landing.

MOTH EXTERMINATION

The usual inspection of public and private trees was made during the winter for the purpose of eliminating the nests of the gypsy and brown-tail moths. The amount of infestation was found to be normal. The public trees were sprayed at the proper seasons to prevent the destruction of the foliage and the nests of the fall web-worm were cut down. An unusual though not alarming infestation of the oriental hag-moth was noted during the late summer.

CONCLUSION

Before terminating this report I beg to state that the scope of the work in the Park Department has greatly increased in recent years. The opening of the golf course, the laying out of new playgrounds, the construction of bleachers, pools, tennis courts and similar facilities, the construction of the golf club house, the renovation of the Boardman School — all of these and other projects, when added to the maintenance of property and facilities previously acquired, have demanded and will demand in the future an increase in the duties of the administrative personnel, an increase in the number of employees and an increase in expenditure. The very recent action of the Board in creating the position of Assistant Superintendent of Parks is evidence that your Board is aware of the growth of the Department. I desire to emphasize the urgent need of improved equipment and better shop facilities to enable the Department to function properly, in keeping with the enlarged program which it has adopted.

The success of any organization is due in large measure to the coöperation existing among its members. I desire to acknowledge publicly the loyalty and coöperation of those employees of the Park Department who have worked so faithfully to maintain the spirit of service we have attempted to establish. In like manner, I acknowledge the advice and coöperation received from other Department heads. I appreciate the attitude of the Board of Park Commissioners in connection with my duties as Superintendent.

Respectfully submitted,

STEPHEN H. MAHONEY,
General Superintendent of Parks.

December 31, 1938.

FINANCIAL STATEMENT
January 1, 1938 through December 31, 1938
MAINTENANCE, GENERAL

Personal Service

Administrative salaries.....	\$1,916 00
Permanent employees.....	52,668 38
Temporary employees.....	1,924 00
Total.....	<hr/> \$56,508 38

Service other than Personal

Printing and binding annual report.....	\$27 45
Postage stamps.....	26 00
Express charges.....	2 98
Lighting shelters.....	318 15
Lighting parks and playgrounds.....	994 61
Garage rental.....	72 66
Telephone service.....	186 01
Repairs, automobiles.....	147 55
Medical services, injured employee.....	11 00
Extermination of pests, shelters.....	44 10
Blue printing service.....	2 05
Service other than personal.....	580 36
Laundry service.....	331 31
Total.....	<hr/> \$2,744 23

Equipment

Electrical.....	\$11 64
Motor vehicle.....	1,695 97
Furniture.....	66 80
Recreational.....	15 51
Tools and instruments.....	284 20
Miscellaneous.....	186 98
Total.....	<hr/> \$2,261 10

Supplies

Office.....	\$72 90
Spring water and ice.....	4 12
Fuel.....	3,181 12
Cleaning.....	225 59
Recreational.....	121 00
Gasoline and oil.....	350 85
Disinfectant.....	73 53
Miscellaneous.....	1,414 13
Motor vehicles.....	151 67
New towels.....	152 94
Total.....	<hr/> \$5,747 85

Special Items

New heater, Cambridge Field Shelter.....	\$391 05
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WPA Projects

Tree Census.....	\$47 40
Tree trimming, removing stumps, etc.....	2,722 80
Longfellow Park, roadway repairs.....	2,497 16
Cambridge Field, bleachers and resurfacing field.....	9,390 26

John J. Ahern Field, bleachers.....	\$4,083 13
Rindge Field, resurfacing field.....	1,090 80
Russell E. Hoyt, T. F. Corcoran, etc., improvements	5,969 39
Rev. P. H. Callanan Field	3,877 56
Boardman School.....	1,847 26
Fresh Pond recreation and golf house.....	259 43
Total.....	\$31,785 19

MAINTENANCE, GOLF COURSE

Personal Service	
Permanent employees.....	\$3,876 00
Temporary employees.....	7,338 12
Total.....	\$11,214 12

Service other than Personal	
Expressage.....	\$ 1 11
Lighting shelter.....	20 05
Telephone service.....	48 10
Repairs, autos and tractor.....	48 92
Service not otherwise coded.....	9 61
Total.....	\$176 38

Supplies	
Office.....	\$87 58
Cleaning.....	12 80
Gasoline and oil.....	122 51
Agricultural.....	409 15
Not otherwise coded.....	188 99
Parts, motor vehicles.....	49 75
Total.....	\$870 78

MAINTENANCE, SCHOOL BATHS

Personal Service	
Permanent employees.....	\$3,938 00

Service other than Personal	
Expressage.....	\$ 40
Laundering towels.....	296 76
Total.....	\$297 16

Supplies	
Soap.....	\$97 75
New towels.....	135 85
Total.....	\$233 60

MAINTENANCE, FORESTRY

Personal Service	
Permanent employees.....	\$20,293 71

Service other than Personal	
Postage.....	\$3 00
Advertising, moth extermination.....	6 00
Expressage.....	17
Repairs, motor vehicles.....	74 64
Medical, injured employee.....	2 00
Service not otherwise coded.....	57 47
Total.....	\$143 28

Supplies

Office.....	\$15 10
Motor vehicles.....	140 62
Chemicals.....	127 92
Supplies not otherwise coded.....	245 97
Motor vehicles, parts.....	109 16
<hr/>	
Total.....	\$638 77

Respectfully submitted,

STEPHEN H. MAHONEY,
General Superintendent of Parks.

REPORT OF THE SUPERINTENDENT OF RECREATION

To the Board of Park Commissioners:

I submit herewith my report of the Recreation Division of the Department, this being the sixteenth annual report submitted by me as Superintendent of Recreation.

Further progress was made during 1938 toward restoring the recreation program to its former position in the municipal service. An increase in the appropriation for personnel made it possible to employ a few more persons as directors and assistants. This additional supervision made it possible to extend the period for outdoor supervised play, to supervise new areas and to conduct a more diversified program than that provided during each of the previous five years. Supplemented by a WPA Recreation Project and the assistance of the National Youth Administration, the program of activities attracted larger numbers of participants and extended into more districts than heretofore.

NEW FACILITIES

A big factor in the increased service has been the availability of the additional facilities obtained recently through WPA projects. New tennis courts, wading pools and seats, and the improvement in grading and surfacing of several playgrounds have made the grounds both more useful and more attractive. In addition to the improvements obtained through WPA assistance, a new toboggan slide and some of the skating rinks were constructed by boys from the National Youth Administration. The other projects now in operation will, when completed, provide more facilities for recreational use.

PLAYGROUNDS

Twenty-four playgrounds were supervised during the summer season and thirteen of these were under supervision during the spring and fall. Playgrounds which were either supervised last season for the first time or reopened after a lapse of several years were those at Newtowne Court, Sleeper School, Russell School, Morse School, Wellington School, Longfellow School and the High School. Cambridge Field, Rindge Field, John J. Ahern Playground, Russell E. Hoyt Playground, Corporal Burns Playground, T. F. Corcoran Playground, Cambridge Common, Rev. P. H

Callanan Playground, Fresh Pond Playground and Outer Russell Field were under supervision evenings and Sundays from April to October.

Due to the addition of more seasonal workers, the playground program was more satisfactory in 1938. Greater service to several districts and better supervision were the causes of the improvement. The usual interest was manifested in the inter-playground activities and the leagues conducted in baseball and softball. A city-wide tournament in paddle-tennis was participated in by more than four hundred entrants. Classes in dancing and dramatics for children were conducted during the summer, and local demonstrations were given at four of the larger playgrounds during the final week of the season.

INDOOR PROGRAM

Because of the growth of the indoor program, it was necessary to reorganize the schedule of activities this year with a view to allowing greater numbers to use the facilities of our buildings. Instead of sessions being conducted at Rindge Field, Russell E. Hoyt and Corporal Burns buildings only three evenings each week, recreation center programs are now offered at these places on five nights each week, one evening at each building being reserved for women and girls.

Seventy-eight teams are participating in the Municipal League Basketball Schedules, hundreds of boys and young men are enrolled in boxing groups and many are using the game rooms for passive activities. Under the leadership of a WPA worker a very successful program for children is being conducted each afternoon at Rindge Field building. A part-time staff worker, assisted by members of the WPA recreation project, is directing community recreation activities among the residents of Newtowne Court. A recreation project for colored residents is also in operation under the sponsorship of the Department, the project covering two sections of the city.

OUTDOOR WINTER ACTIVITIES

Six playground skating rinks were supervised during the winter of 1937-38. For the season which has just begun, nine areas have been prepared and flooded for skating. The new equipment recently purchased under the maintenance appropriation has

already justified the expenditure, the ice skating conditions being better than during any previous season.

Two toboggan slides have been erected at Fresh Pond and are in readiness for use when the snowfall is sufficient for their operation. The lighting at the slides has also been improved for this season. It is the intention of the Department to provide further facilities for winter sports if the funds for this development are available. The natural setting at Fresh Pond is such that skiing can be enjoyed by hundreds of enthusiasts, if a place for this popular sport is provided by some alterations in the slopes around the golf course.

Small slides for sled-coasting are desirable for playground use, and, if money for materials can be procured, these slides could be constructed by either WPA or NYA workers.

BATHING

In addition to the two beaches at Gerry's Landing and Jerry's Pit, life guards were stationed last summer at the Broad Canal near Sixth Street. This precaution was taken with a view to safeguarding the large number of bathers who use this place at which there has been occasional loss of life by drowning. I do not regard this spot as suitable for swimming both because of the condition of the water which is traversed by oil-tank craft and other vessels supplying the industrial plants along the canal, and because of the general conditions along the shore. This waterway is under the jurisdiction of the Metropolitan District Commission.

Better facilities are greatly needed at both of the other beaches, there being no adequate bathhouses or toilet facilities at either place.

The new wading pools at Corporal Burns Playground and Norfolk Street Playground were very popular during the past summer. These new pools, together with similar facilities in use at John J. Ahern Playground, Cambridge Field, Mothers' Rest and Rindge Field, are now furnishing opportunity for wading under good conditions to thousands of children. I recommend that the Board continue its policy of constructing these pools until all sections of the city are provided for.

GARDENING

In accordance with a long-established custom, the Department again coöperated with the Cambridge League of Women Voters

in supervising about four hundred children's gardens throughout the city. Gardening continues to be a popular part of our program and some excellent results have been obtained from its promotion. The children from the Cambridge gardens were among the prize-winners at the annual exhibition conducted by the Massachusetts Horticultural Society. In addition, an anonymous donor awarded prizes to local gardeners as a testimonial to the late member of your Board, Mrs. Helen Cabot Almy.

GENERAL

Softball has become a favorite game in Cambridge. Each season there has been a large increase in the number of players and spectators. Last summer, in addition to the teams entered in the playground leagues, there were two twilight leagues composed of sixteen teams of adults. The games aroused much interest and the winner of the City Championship competed in a tournament with the champions of the other Greater Boston communities, the Cambridge team being victorious.

Since the new courts were provided, tennis has become very popular. The courts at Russell E. Hoyt, Corporal Burns and Rindge Field are in constant demand. A successful tournament was conducted at Rindge Field.

The Kiwanis Club of Cambridge for the third successive year manifested its interest in the playground program by donating the prizes to the individual winners in paddle-tennis and to the members of the winning baseball and softball teams.

As heretofore, the Department coöperated with the Public School Athletic League in providing opportunity for practice and competition in baseball, touch-football and basketball.

An interplayground league in touch-football was conducted during the fall.

The Department again acted as an agency for the Boston National League Knothole Gang, an organization which provides opportunity for hundreds of our playground boys to witness major league contests for a nominal membership fee.

Permits for the use of the athletic fields were issued to organized teams in baseball, softball, football and soccer.

Advice on the layout and equipment of home playgrounds and programs for picnics, outings and indoor parties was given by the Department on several occasions during the year.

CONCLUSION

Before closing this report, I desire to comment very briefly on the recreational situation in our city. After sixteen years of existence as a separate entity, the Recreation Division has justified its place in the list of municipal services. At a relatively low per capita cost and at an annual cost of only a small fraction of one cent of each dollar expended annually from the tax funds, it has rendered a service which, although immeasurable in financial returns, has provided opportunity for wholesome leisure-time activity for the children and adult population.

The density of population and the scarcity of land for play areas make the situation in Cambridge a matter of intensive use of the facilities already acquired. With the improvements already made through Federal projects and with others which are planned for the immediate future, the principal objectives of the Department should now be the proper maintenance of these facilities and an adequate personnel to insure their best use.

I regard the direction of recreational activities of equal importance with the instruction in education. For this reason I respectfully request the coöperation of the Board in an effort to secure a permanent staff of leaders whose qualifications and training will insure successful administration of their duties in such an important community program. The health, safety and moral training of our children and youth, and the contented attitude of our adult population depend in a large measure on the opportunities presented for the proper use of their leisure and the type of leadership provided to direct the recreational program. Accordingly, the standard of qualification for our leaders must be high and their selection should be on the basis of ability and training if the best interests of the city are to be served.

Respectfully submitted,

STEPHEN H. MAHONEY,
Superintendent of Recreation.

December 31, 1938.

FINANCIAL STATEMENT

January 1, 1938 to December 31, 1938

Personal Service

Administrative salaries.....	\$6,149 00
Permanent supervision.....	9,406 00
Part-time supervision.....	13,786 98
Total.....	\$29,341 98

Service other than Personal

Postage.....	\$30 00
Rentals.....	172 50
Motor vehicle repairs and care.....	50 10
Service not otherwise coded.....	26 88
Total.....	\$279 48

Supplies

Office.....	\$91 67
Medical.....	19 48
Educational and recreational.....	1,262 99
Gas and oil.....	77 40
Supplies not otherwise coded.....	73 68
Motor vehicle parts.....	57 96
Total.....	\$1,583 18

Special

Colored recreation project (WPA).....	\$391 77
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Respectfully submitted,

STEPHEN H. MAHONEY,
Superintendent of Recreation.

December 31, 1938.

REPORT OF THE SUPERINTENDENT OF THE CAMBRIDGE CEMETERY

Annual Report January 1, 1938 to December 31, 1938

To His Honor the Mayor and City Council:

I hereby submit to you the eighty-fifth annual report of the Superintendent of the Cambridge Cemetery, the same being for the period beginning January 1, 1938 and ending December 31, 1938.

	<i>Amount Received</i>	<i>Number</i>
Lots and graves sold	\$15,046 00	298
Burial fees	9,901 00	836
Foundations	2,916 25	197
Brick vaults	100 00	2
Repair of lots and graves	358 50	34
Evergreens	2,530 00	506
Annual care	973 30	177
Tomb fees	35 00	3
Removals	206 00	17
Chapel fees	49 00	7
Sundries	1 50	1
Interest received on Perpetual Care Fund	8,091 42	
Total	<hr/> \$40,207 97	
Lots and graves taken into Perpetual Care	\$4,425 50	58
Amount in Perpetual Care Fund, Dec. 31, 1937	<hr/> 249,080 62	
Amount in Perpetual Care Fund Dec. 31, 1938	\$253,506 12	
The following statistics may be of interest:		
The total number of interments in the Cemetery . . .		52,773
The number of lots and graves ready for sale:		
Graves		200
Lots		75
The estimated value of lots and graves ready for sale	\$20,000 00	

**APPROPRIATIONS AND EXPENDITURES FOR SALARIES
JANUARY 1, 1938 TO DECEMBER 31, 1938**

A-1 Appropriation	\$48,858 45
Amount expended	48,734 36
Unexpended balance	\$124 09
A-2 Appropriation	\$14,005 00
Amount expended	14,005 00
No balance	

A-1 and A-2 Total Expenditures

Superintendent	\$3,000 00
Assistant Superintendent	2,952 00
Permanent men charged to A-1 appropriation	42,782 36
Temporary men charged to A-2 appropriation	14,005 00
Total expended	\$62,739 36
A-1 and A-2 total appropriation	62,863 45
A-1 and A-2 total expenditures	62,739 36
Balance unexpended	\$124 09

Appropriations and Expenditures for Materials and Supplies

	<i>Appropriated</i>	<i>Expended</i>	<i>Balance</i>
Schedule B	\$504 35	\$444 66	\$59 69
Schedule C	1,652 68	1,649 19	3 49
Schedule D	2,379 42	2,334 64	44 78
Schedule E	234 43	233 63	80
Schedule F-13	2,191 50	2,145 50	46 00
Total appropriations	\$6,962 38	\$6,807 62	\$154 76

Total Receipts and Expenditures

Total amount received	\$40,207 97
Total amount expended	69,546 98
Net loss	\$29,339 01

In submitting this eighty-fifth annual report I again make the following recommendations:

That the land abutting the Cemetery, which is owned by the Mount Auburn Cemetery Corporation, be purchased and added to the Cemetery and be prepared for burial purposes.

I also recommend the purchase of the following equipment: one lowering device, two sets of evergreen, one air compressor with gasoline engine, and one cement mixer.

I also recommend an appropriation for the purchase of permanent markers to mark the perpetual care lots. I again recommend an appropriation for the building of a workshop and garage for the storage of tools and equipment.

I also recommend an appropriation for the building of permanent roads in the Cemetery.

I also recommend that one male clerk be added to the Department due to the increase of office work, as the office force has never been added to since the Cemetery opened in 1854.

Respectfully submitted,

RALPH N. HAMILTON,
Superintendent.

REPORT OF THE POLICE DEPARTMENT

Cambridge, Mass., January 1, 1939.

To His Honor the Mayor and the City Council:

In compliance with the City Ordinance I have the honor to submit the annual report of the Police Department for the year ending December 31, 1938.

ORGANIZATION OF THE DEPARTMENT

1 Chief.....	\$4,500 00	per year
2 Captains.....	3,000 00	per year
8 Lieutenants.....	2,750 00	per year
17 Sergeants.....	2,550 00	per year
212 Patrolmen.....	2,190 00	per year
27 Reserve officers.....	1,782 50	first year
	1,982 50	second year
	2,190 00	third year
1 Policewoman.....	2,190 00	per year
1 Civilian mechanic.....	2,400 00	per year
2 Police Matrons	21 50	per week
2 Telephone operators.....	22 00	per week

DEPARTMENT ROSTER

Name	Rank	Date of Appointment
LEAHY, TIMOTHY F., Chief.....		September 6, 1898
CANNEY, JOHN J., Captain.....		May 28, 1901
GINTY, WILLIAM B., Captain.....		March 24, 1903
BATEMAN, WELLINGTON D., Lientenant.....		March 1, 1914
DOUGLAS, ROBERT J., Lieutenant		April 26, 1904
KELLEY, JOSEPH, Lieutenant.....		April 3, 1906
KING, JOHN R., Lieutenant.....		July 2, 1921
LANDRIGAN, JAMES R., Lieutenant.....		June 20, 1911
SHANNON, JOSEPH H., Lieutenant.....		May 24, 1904
STOKES, THOMAS J., Lieutenant.....		August 1, 1913
WYMAN, CHARLES W., Lieutenant.....		May 3, 1898
BREEN, JOSEPH P., Sergeant.....		November 16, 1919
BRENNAN, DANIEL J., Sergeant.....		January 8, 1931
CURTIN, WILLIAM A., Sergeant.....		January 13, 1909
DONELAN, CHARLES P., Sergeant.....		June 10, 1919
DYNAN, ANTHONY, Sergeant.....		June 20, 1911
FINNEGAN, JOHN D., Sergeant.....		November 5, 1922
FITZMAURICE, ARTHUR J., Sergeant.....		March 1, 1929
LINEHAN, RICHARD J., Sergeant.....		October 24, 1917
MAHER, EDWARD J., Sergeant.....		April 1, 1915
MALLAHAN, CHARLES E., Sergeant.....		March 1, 1914
McAULIFFE, THOMAS W., Sergeant		March 29, 1918
McCARTHY, PATRICK J., Sergeant		April 1, 1915

McMAHON, MICHAEL, Sergeant.....	April	25, 1905
MAHONEY, GEORGE J., Sergeant.....	December	28, 1897
O'DELL, WILLIAM L., Sergeant.....	June	10, 1908
PATTEN, RAYMOND L., Sergeant.....	May	6, 1928
READY, PATRICK F., Sergeant.....	January	1, 1916
ACKERLY, JOHN M., Patrolman.....	December	12, 1906
ANDERSON, WILLIAM, Patrolman.....	October	17, 1925
ALDERMAN, ROBERT F., Patrolman.....	May	22, 1930
ANDREW, FRANK, Patrolman.....	June	26, 1906
ARTHUR, SAMUEL, Patrolman.....	September	23, 1923
AYLWARD, HENRY J., Patrolman.....	January	28, 1928
BAGAN, JOHN H., Patrolman.....	October	11, 1910
BANATT, WILLIAM A., Patrolman.....	September	13, 1928
BARRETT, JOHN P., Patrolman.....	May	3, 1928
BARRY, FRANCIS J., Patrolman.....	June	13, 1936
BARRY, MICHAEL, Patrolman.....	May	27, 1938
BATEMAN, JOSEPH W., Patrolman.....	June	13, 1936
BOURGET, JOSEPH A., Patrolman.....	February	27, 1912
BRADY, CHARLES H., Patrolman.....	February	26, 1931
BROWN, THOMAS D., Patrolman.....	June	13, 1936
BUCHANAN, GEORGE D., Patrolman.....	August	24, 1924
BURGESS, WALTER H., Patrolman.....	May	6, 1928
BURKE, THOMAS F., Patrolman.....	March	1, 1914
BURNS, ROBERT A., Patrolman.....	February	28, 1928
CAHALANE, JOHN, Patrolman.....	June	20, 1911
CALLAHAN, TIMOTHY J., Patrolman.....	October	24, 1917
CAMPBELL, EDWIN, Patrolman.....	December	16, 1930
CARROLL, THOMAS F., Patrolman.....	November	16, 1919
CASEY, AENEAS M., Patrolman.....	March	1, 1929
CHANT, JOSEPH T., Patrolman.....	November	23, 1926
CLEARY, MARK J., Patrolman.....	October	24, 1917
COFFEY, ARTHUR F., Patrolman.....	February	16, 1927
COLEMAN, DANIEL J., Patrolman.....	June	13, 1936
COLLINS, JOHN J., Patrolman.....	September	14, 1937
COLLINS, FREDERICK V., Patrolman.....	May	4, 1909
CLORAN, PHILIP P., Patrolman.....	September	14, 1937
COOPER, STEWART F., Patrolman.....	February	28, 1928
COSGROVE, JOHN F., Patrolman.....	December	25, 1917
COVELL, PAUL B., Patrolman.....	September	21, 1928
CREMENS, DENNIS J., Patrolman.....	March	1, 1929
CRONIN, MICHAEL F., Patrolman.....	November	23, 1926
CULHANE, ROBERT J., Patrolman.....	July	18, 1903
CUMMINGS, JOHN F., Patrolman.....	May	5, 1908
CUNNINGHAM, JOHN F., Patrolman.....	May	24, 1925
CUNNINGHAM, MARK E., Patrolman.....	January	5, 1927
CURTIN, PATRICK J., Patrolman.....	June	20, 1911
DALTON, GEORGE E., Patrolman.....	November	5, 1922
DELANEY, JAMES L., Patrolman.....	September	14, 1937
DONOHUE, JOHN J., Patrolman.....	May	3, 1924
DONOVAN, EDWARD F., Patrolman.....	April	1, 1915
DORAN, JOSEPH F., Patrolman.....	June	8, 1928
DOYLE, ARTHUR D., Patrolman.....	November	23, 1926
DWYER, EDWARD, Patrolman.....	May	4, 1904
DYNAN, LEO D., Patrolman.....	April	1, 1915
ELDRIDGE, BERNARD J., Patrolman.....	March	1, 1929
FABRY, FRANK J., Patrolman.....	May	5, 1908
FALVEY, JOHN H., Patrolman.....	January	28, 1914
FITZGERALD, JAMES D., Patrolman.....	January	4, 1930
FLYNN, EDWARD E., Patrolman.....	October	24, 1929
FLYNN, JOHN E., Patrolman.....	November	5, 1922

GAFFNEY, JOHN A., Patrolman.....	February	28, 1928
GALLAGHER, JEREMIAH J., Patrolman.....	April	26, 1910
GALLAGHER, RICHARD P., Patrolman.....	March	1, 1929
GARDINER, FREDERICK D., Patrolman.....	December	29, 1925
GAUDET, JOHN J., Patrolman.....	December	25, 1928
GIBBONS, BERNARD J., Patrolman.....	May	27, 1938
GLENNON, EDWARD J., Patrolman.....	May	3, 1924
GORMAN, VINCENT J., Patrolman.....	July	21, 1929
GORMLEY, RAYMOND L., Patrolman.....	May	3, 1924
GORMLEY, WILLIAM G., Patrolman.....	June	10, 1919
GANNON, JOHN J., Patrolman.....	June	13, 1936
GOULD, JOSEPH D., Patrolman.....	June	13, 1936
GRADY, JOHN J., Patrolman.....	September	14, 1937
GRADY, JEREMIAH J., Patrolman.....	August	5, 1925
GRAINGER, JOHN J., Patrolman.....	December	16, 1930
GRINHAM, JOHN J., Patrolman.....	February	26, 1931
GUTOSKI, FRANK H., Patrolman.....	July	26, 1904
GUTOSKI, FRANK H., Jr., Patrolman.....	February	26, 1931
HALLICE, CHESTER E., Patrolman.....	June	13, 1936
HALLIDAY, HERBERT R., Patrolman.....	April	1, 1915
HALLISEY, WILLIAM F., Patrolman.....	January	9, 1928
HANLON, DANIEL L., Patrolman.....	October	29, 1924
HARNEY, THOMAS M., Patrolman.....	March	26, 1912
HARNEY, WILLIAM H., Patrolman.....	October	31, 1911
HEALY, MICHAEL J., Patrolman.....	January	31, 1917
HENRY, FRANK S., Patrolman.....	May	4, 1909
HIGGINS, JOHN P., Patrolman.....	June	13, 1936
HOGAN, MARTIN, Patrolman.....	March	1, 1914
HOLT, CHARLES S., Patrolman.....	May	22, 1930
HORAN, JOHN S., Patrolman.....	November	5, 1922
HUGHES, MICHAEL F., Patrolman.....	May	4, 1926
HUGHES, ROY G., Patrolman.....	May	4, 1926
JOYCE, MICHAEL J., Patrolman.....	January	5, 1927
KEANE, CLIFFORD L., Patrolman.....	July	15, 1921
KEEFE, JAMES F., Patrolman.....	May	27, 1938
KEENAN, PAUL J., Patrolman.....	January	8, 1931
KELLEY, EDWARD B., Patrolman.....	June	13, 1936
KELLEY, EDWARD J., Patrolman.....	July	20, 1918
KELLEY, EDWIN L., Patrolman.....	March	29, 1918
KELLEY, JOSEPH B., Patrolman.....	October	24, 1917
KELLEY, JOSEPH J., Patrolman.....	November	23, 1926
KEOUGH, JAMES R., Patrolman.....	July	16, 1911
KIEF, ARTHUR L., Patrolman.....	April	3, 1931
KILLION, WILLIAM T., Patrolman.....	July	27, 1930
LEARY, THOMAS, Patrolman.....	November	16, 1919
LEHAN, CORNELIUS J., Patrolman.....	June	27, 1926
LINDBERG, HORACE, Patrolman.....	May	4, 1926
LINEHAN, CHARLES H., Patrolman.....	November	5, 1922
LINEHAN, JOHN F., Patrolman.....	October	31, 1923
LYNCH, DAVID E., Patrolman.....	June	24, 1911
LYONS, PETER J., Patrolman.....	July	20, 1918
MAHER, WALTER L., Patrolman.....	April	6, 1925
MAHONEY, CHARLES C., Patrolman.....	August	26, 1930
MAHONEY, JEREMIAH F., Patrolman.....	June	10, 1919
MAINS, HARRY, Patrolman.....	October	31, 1923
MARCKINI, ALFRED E., Patrolman.....	April	3, 1931
MARTIN, CHARLES O., Patrolman.....	November	23, 1926
McAULEY, WILLIAM, Patrolman.....	July	27, 1930
McCAFFREY, JOSEPH H., Patrolman.....	June	10, 1919
McCARTHY, GERALD F., Patrolman.....	June	13, 1936

McCARTHY HENRY J., Patrolman	September 14, 1937
McCULLOUGH, FRANK C., Patrolman	March 17, 1913
McCULLOUGH, JOSEPH, Patrolman	June 20, 1911
McDONNELL, WILLIAM A., Patrolman	November 23, 1926
McGILLIVARY, JOHN J., Patrolman	September 30, 1930
McINTOSH, CLARENCE, Patrolman	September 13, 1928
McLAUGHLIN, FRANCIS A., Patrolman	March 21, 1911
McLAUGHLIN, FRANCIS J., Patrolman	November 23, 1926
McLAUGHLIN, FRANK P., Patrolman	July 21, 1927
McMAHON, EDWARD F., Patrolman	September 14, 1937
McMANUS, CHARLES F., Patrolman	October 17, 1925
McNAMARA, MATHEW J. F., Patrolman	July 20, 1918
MELLO, MANUEL G., Patrolman	October 2, 1908
MENTON, THOMAS J., Patrolman	November 2, 1922
MORRISON, CHARLES P., Patrolman	January 23, 1928
MORRISSEY, THOMAS J., Patrolman	March 1, 1914
MUELLER, WILLIAM A., Patrolman	September 30, 1930
MULLEN, WILLIAM T., Patrolman	December 12, 1911
MULQUEENEY, JOHN P., Patrolman	April 26, 1910
MULVIHILL, JOHN F., Patrolman	March 1, 1914
MULVIHILL, MICHAEL F., Patrolman	May 27, 1938
MURPHY, EDWARD J., Patrolman	December 20, 1918
MURPHY, EDWARD L., Patrolman	April 1, 1915
MURPHY, JAMES F., Patrolman	September 14, 1937
MURPHY, JOHN P., Patrolman	September 14, 1937
MURPHY, JOSEPH F., Patrolman	September 14, 1937
MURPHY, PATRICK J., Patrolman	July 20, 1918
MURRAY, GEORGE F., Patrolman	May 3, 1924
MURRAY, WILLIAM L., Patrolman	June 6, 1923
NIXON, JAMES J., Patrolman	October 7, 1928
NIXON, WILLIAM J., Patrolman	November 16, 1919
NORMILE, MICHAEL C., Patrolman	March 26, 1912
OAKLAND, FREDERICK W., Patrolman	July 21, 1929
O'BRIEN, EUGENE J., Patrolman	May 7, 1927
O'BRIEN, DENNIS W., Patrolman	April 6, 1912
O'BRIEN, JOHN J., Patrolman	April 26, 1904
O'CONNELL, FRANCIS W., Patrolman	September 14, 1937
O'CONNOR, JAMES D., Patrolman	March 1, 1929
O'CONNOR, JOSEPH, Patrolman	December 31, 1922
O'LOUGHLIN, THOMAS F., Patrolman	June 1, 1914
O'NEIL, FRANKLIN M., Patrolman	July 20, 1918
O'NEIL, MARTIN, Patrolman	November 5, 1922
O'NEIL, THOMAS J., Patrolman	May 3, 1924
PATTEN, LEONARD E., Patrolman	February 28, 1928
POWERS, FRANCIS W., Patrolman	August 24, 1924
POWERS, JOHN H., Patrolman	July 7, 1927
PRIOR, JAMES A., Patrolman	October 29, 1924
QUIGLEY, CHARLES F., Patrolman	June 10, 1918
QUINLAN, TERRANCE D., Patrolman	September 14, 1937
QUINN, JAMES F., Patrolman	December 3, 1924
READY, DANIEL J., Patrolman	May 6, 1925
REAGAN, JAMES F., Patrolman	April 26, 1910
RIENDEAU, JOSEPH L., Patrolman	March 1, 1914
RICE, JAMES F., Patrolman	October 31, 1923
ROBERTS, JOHN W., Patrolman	February 6, 1900
ROGAN, JOHN F., Patrolman	May 4, 1926
ROPER, GEORGE B., Patrolman	July 5, 1914
ROURKE, MARTIN J., Patrolman	May 27, 1938
RUSSELL, THOMAS R., Patrolman	September 14, 1937
RYAN, PHILIP J., Patrolman	June 24, 1928

SCANNELL, JAMES J., Patrolman.....	October	17, 1925
SCANNELL, WILLIAM P., Patrolman.....	April	3, 1931
SELFDRIDGE, GEORGE, Patrolman.....	March	2, 1931
SHANNON, THOMAS J., Patrolman.....	July	26, 1924
SHEA, EDWARD, Patrolman.....	September	14, 1937
SHEA, JAMES J., Patrolman.....	March	1, 1929
SHEA, PATRICK F., Patrolman.....	August	24, 1920
SHEEHAN, CORNELIUS, Patrolman.....	June	2, 1903
SILVA, JOHN M., Patrolman.....	May	27, 1938
SMITH, JOSEPH A., Patrolman.....	September	14, 1937
STONE, WILLIAM J., Patrolman.....	August	6, 1930
SUGHRUE, DANIEL F., Patrolman.....	September	14, 1937
TEEHAN, JOHN F., Patrolman.....	March	1, 1929
TEVLIN, JOHN J., Patrolman.....	April	26, 1910
TIERNEY, EDWARD F., Patrolman.....	May	4, 1926
TOOMEY, TIMOTHY J., Patrolman.....	October	24, 1917
TRANT, JOHN J., Patrolman.....	July	2, 1921
TRODDEN, ANDREW T., Patrolman.....	August	26, 1930
TURCOTTE, AMOS, Patrolman.....	March	26, 1912
WAIT, ALBERT J., Patrolman.....	November	16, 1919
WALLACE, JAMES H., Patrolman.....	October	17, 1925
WALSH, DAVID L., Patrolman.....	April	8, 1899
WALSH, JOHN, Patrolman.....	December	12, 1906
WALSH, LAWRENCE, Patrolman.....	September	14, 1937
WARNOCK, CHARLES R., Patrolman.....	July	25, 1923
WHITE, JOHN M., Patrolman.....	October	17, 1925
TAYLOR, J. EDITH, Policewoman.....	March	5, 1921
COFFON, ROMAN, Mechanic.....	November	12, 1936
BARROW, MARY A., Matron.....	May	4, 1919
DONELAN, ISABELLA, Matron.....	January	4, 1936
TWICHELL, MARY F., Telephone Operator.....	December	10, 1934
MALONEY, ALICE L., Telephone Operator.....	December	10, 1934

PENSIONERS

Patrolman Michael J. Curran was appointed May 5, 1908, and was pensioned October 7, 1938.

Patrolman John J. Sheehan was appointed June 2, 1903, and was pensioned October 14, 1938.

Patrolman Joseph T. Chant was appointed November 23, 1926, and was pensioned January 24, 1939.

IN MEMORIAM

PATROLMAN JOHN J. KILLION

Appointed December 25, 1928

Died August 26, 1938

PATROLMAN JAMES R. KEOUGH

Appointed July 16, 1911

Died January 10, 1939

RESERVE OFFICERS

Name	Rank	Date of Appointment
McLAUGHLIN, EDWARD A., Reserve Officer		September 14, 1937
HALEY, JOHN J., Reserve Officer		May 27, 1938
DELANEY, FRÉDERICK J., Reserve Officer		May 27, 1938
MULLIN, DANIEL J., Reserve Officer		May 27, 1938
WOODS, HENRY, Reserve Officer		May 27, 1938
RUBBICCO, ANTHONY, Reserve Officer		May 27, 1938
FORD, JAMES J., Reserve Officer		May 27, 1938
RIORDAN, JOHN D., Reserve Officer		May 27, 1938
JACKSON, HARRY L., Reserve Officer		May 27, 1938
HILLIS, MALCOLM D., Reserve Officer		May 27, 1938
DONAHUE, FRANK J., Reserve Officer		May 27, 1938
McELROY, EDMUND C., Reserve Officer		May 27, 1938
BRODERICK, EDWARD T., Reserve Officer		May 27, 1938
DUGGAN, JOSEPH E., Reserve Officer		May 27, 1938
GALLIGAN, JOHN F., Reserve Officer		May 27, 1938
McDONNELL, PATRICK L., Reserve Officer		May 27, 1938
WALSH, THOMAS R., Reserve Officer		May 27, 1938
TRODDEN, WILLIAM F., Reserve Officer		May 27, 1938
WALSH, LEONARD F., Reserve Officer		May 27, 1938
ROSENBERGER, HENRY F., Reserve Officer		May 27, 1938
HURLEY, JOSEPH A., Reserve Officer		May 27, 1938
FRATTO, NICHOLAS J., Reserve Officer		December 4, 1938
GALVIN, VINCENT P., Reserve Officer		December 4, 1938
HOPKINS, LAWRENCE R., Reserve Officer		December 4, 1938
RILEY, JOHN J., Reserve Officer		December 4, 1938
SULLIVAN, CHARLES E., Reserve Officer		December 4, 1938
HAYES, JOSEPH F., Reserve Officer		December 4, 1938

The following revenue was received.

Revolver permits	\$160 00
Miscellaneous	20 60
Extra details	10,315 45
Police service at Massachusetts Institute of Technology	3,100 00
	<u>\$13,596 05</u>

MISCELLANEOUS REPORTS

Accidents	854	Defective fire alarm clocks	53
Automobiles stolen	422	Defective gas pipes	7
Automobiles stolen outside of		Defective water pipes	79
city recovered	166	Defective hydrants	17
Bicycles recovered	37	Defective lamps	2,989
Buildings found open	334	Defective wires	30
Cases investigated	12,022	Defective street signs	19
Dangerous buildings	8	Defective streets and walks	699
Dangerous chimneys	2	Disturbances suppressed	16
Dead bodies found	39	Dogs killed	6
Defective catch basins	7	Fire alarms responded to	672
Defective drains and vaults	2	Fires extinguished without	
Defective bridges	3	alarms	3
Intoxicated persons helped home	2	Sick and injured persons assisted	1,365
Lost children restored	64	Stray automobiles put up	336
Persons reported missing	93	Street obstructions removed	9
Persons restored	75	Stolen automobiles recovered	351

NATIVITY OF PERSONS ARRESTED

Africa.....	2	Ireland.....	199
Alaska.....	1	Italy.....	88
Arabia.....	1	Jugoslavia.....	1
Algiers.....	2	Labrador.....	1
Armenia.....	15	Lithuania.....	86
Asia.....	2	Nova Scotia.....	67
Australia.....	4	Norway.....	2
Austria.....	2	Philippines.....	2
Belgium.....	3	Poland.....	53
Bermuda.....	1	Prince Edward Island.....	9
Brazil.....	1	Portugal.....	47
British Provinces.....	6	Russia.....	63
Canada.....	127	Scotland.....	34
Denmark.....	2	South America.....	1
England.....	41	Spain.....	4
Finland.....	2	Syria.....	1
France.....	5	Sweden.....	21
Germany.....	5	Turkey.....	4
Gibraltar.....	2	United States.....	5,973
Greece.....	18	Wales.....	1
Holland.....	2	West Indies.....	10
Hungary.....	1	Roumania.....	1

OCCUPATIONS OF PERSONS ARRESTED

Accountant.....	12	Checker.....	3	Housewife.....	186
Actor.....	1	Chef.....	7	Iceman.....	35
Agent.....	80	Chemist.....	5	Inspector.....	1
Architect.....	3	Clerk.....	297	Investigator.....	1
Artist.....	4	Conductor.....	1	Iron worker.....	54
Attorney.....	18	Contractor.....	47	Janitor.....	36
Auditor.....	11	Cook.....	59	Jeweler.....	2
Auto business.....	25	Cooper.....	2	Junk dealer.....	3
Aviator.....	2	Core maker.....	15	Laborer.....	1,862
Baker.....	69	Dairyman.....	2	Laundress.....	2
Banker.....	1	Decorator.....	3	Lineman.....	4
Barber.....	31	Domestic.....	22	Lumberman.....	7
Bartender.....	58	Draftsman.....	4	Mail carrier.....	4
Basket maker.....	9	Druggist.....	7	Manager.....	81
Blacksmith.....	21	Electrician.....	51	Manufacturer.....	3
Bookbinder.....	21	Engineer.....	40	Mason's tender.....	7
Bookkeeper.....	16	Engraver.....	1	Mechanic.....	121
Bottler.....	12	Expressman.....	13	Merchant.....	13
Brass finisher.....	1	Farmer.....	43	Metal worker.....	13
Brewer.....	5	Fireman.....	2	Milk dealer.....	12
Bricklayer.....	35	Fisherman.....	33	Milk hand.....	1
Broker.....	25	Florist.....	14	Minister.....	1
Butcher.....	30	Foreman.....	24	Motorman.....	2
Butler.....	13	Fruit dealer.....	0	Moulder.....	8
Buyer.....	4	Gardener.....	63	Musician.....	6
Cabinet maker.....	3	Glazer.....	16	Naval officer.....	3
Candy maker.....	28	Grocer.....	8	Newsdealer.....	6
Caretaker.....	9	Guardsmen.....	2	None.....	418
Carpenter.....	98	Guide.....	10	Nurse.....	18
Cashier.....	3	Hatter.....	5	Office boy.....	5
Caterer.....	1	Helper.....	26	Operator.....	77
Chair maker.....	15	Hotel keeper.....	12	Optician.....	3
Chauffeur.....	588	Housekeeper.....	3	Painter.....	236

OCCUPATIONS OF PERSONS ARRESTED (Continued)

Patternmaker.....	1	Riveter.....	8	Stenographer.....	10
Peddler.....	50	Roofer.....	46	Storekeeper.....	18
Photographer.....	7	Rubber worker....	79	Student.....	202
Physician.....	6	Sailor.....	12	Tailor.....	6
Pin boy.....	8	Saleslady.....	5	Teacher.....	26
Plasterer.....	38	Salesman.....	384	Teamster.....	41
Plumber.....	25	Schoolboy.....	53	Tinsmith.....	22
Polisher.....	11	Schoolgirl.....	12	Trackman.....	7
Porter.....	15	Seamstress.....	3	Undertaker.....	4
Printer.....	61	Secretary.....	15	Upholsterer.....	24
Professor.....	4	Shipper.....	37	Waiter.....	13
Railroad man....	7	Shoemaker.....	20	Waitress.....	28
Real estate man ...	15	Soldier.....	2	Watchman.....	33
Reporter.....	4	Steamfitter	40	Welder.....	46
Retired.....	36				

NATURE OF OFFENCE

Offences Against the Person

Affray, engaging in.....	1	Intimidation, threatening.....	4
Assault, dangerous weapon.....	8	Manslaughter.....	11
Assault and battery.....	136	Mayhem.....	1
Assault and battery, dangerous		Murder.....	2
weapon.....	5	Murder, assault with intent to...	1
Assault, indecent.....	1	Parent law, violation of.....	1
Assault on police.....	6	Rape.....	6
Child, illegitimate, refusing to		Rape, assault to.....	5
support.....	14	Robbery, armed.....	10
Children, neglecting.....	12	Robbery, unarmed.....	10
Extortion.....	1	Robbery, attempt.....	5
Family, neglecting.....	7	Family, refusing to support.....	233

Offences Against Property With Violence

Breaking and entering, night....	74	Breaking and entering, day.....	14
Breaking and entering, night,		Breaking and entering, day,	
attempted.....	7	attempted.....	2

Offences Against Property Without Violence

Automobile, using without		Larceny, attempt to commit.....	7
authority.....	41	Larceny, automobile.....	54
Burglar's tools, having in posses-		Larceny, automobile, attempt...	11
sion.....	4	Leased property, selling, etc.....	1
Conspiracy to defraud.....	5	Mortgaged property, concealing..	1
Larceny (\$50 and over in value) .	37	Stolen goods, receiving.....	18
Larceny (\$50 and under in value)	150	Trespass.....	34

Offences Against the Currency

Counterfeiting.....	1	Forgery and uttering.....	4
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Offences Against the License Laws

Alien firearm law, violation of...	1	Milk law, violation of.....	3
Dog law, violation of.....	21	Peddling without a license.....	14
Liquor, unlawful sale of.....	4	Pistol or revolver, carrying with-	
Liquor, keeping and exposing for		out license.....	3
sale unlawfully.....	1		

Offences Against Chastity, Morality, etc.

Abduction.....	1	Indecent exposure of the person..	12
Adultery.....	13	Lewd and lascivious cohabita-	
Bastardy.....	68	tion.....	34
Disturbing the peace.....	134	Obscene books and prints.....	1
Drunkenness.....	3,005	Polygamy.....	3
Female, annoying or accosting		Profane language, using.....	2
with offensive language.....	15	Idle and disorderly persons	2
Fornication.....	3	Vagrants, tramps, etc.....	21
Sodomy and unnatural practices.	9		

Offences Not Included in the Foregoing

Operating auto under influence		City Ordinances, violations of...	29
of intoxicating liquor.....	131	Contempt of court.....	1
Operating auto endangering pub-		Impersonating police officer.....	3
lic safety.....	109	Fire alarm, giving false.....	1
Operating auto after revocation		Fugitive from justice.....	8
of license.....	14	Gaming, and present at.....	25
Operating auto after revocation		Gaming, implements, being pres-	
of registration.....	1	ent where found.....	8
Operating auto without license...	23	Gaming on the Lord's Day.....	13
Operating auto unregistered.....	2	Health law, violation of.....	3
Operating auto so as to exceed		Labor law, violation of.....	11
speed limits.....	94	Lotteries and prize enterprises...	37
Operating auto without license		Narcotic drug law.....	11
on person	105	Parole, violation of.....	6
Operating auto, failed to slow		Prisoner, escaped.....	4
down at intersection.....	1,365	Prisoner, aiding to escape.....	4
Operating auto, failed to slow		Prisoner, attempt to rescue.....	1
down approaching pedestrian..	2	Probation, violation of.....	117
Operating auto within eight feet		Refusing to pay fare.....	6
of street car.....	8	Runaway.....	15
Automobile, operating after		Sunday law, violation of.....	11
causing injury to person.....	8	Suspicious persons.....	56
Automobile, operating after		Wages, non-payment of.....	13
causing injury to property....	19	Weights and measures law.....	7
Automobile, failed to stop on		Safe keeping.....	31
signal of police officer.....	2	Automobile insurance law	7
Automobile, improper equipment	122	Passing red light.....	38
Automobile law, miscellaneous		Passing mechanical device.....	8
violation of.....	48	Children, stubborn.....	14
Children, delinquent, neglected..	7	Concealed weapons.....	1

Value of property reported stolen.....	\$1,366	00
Value of property recovered.....	921	00
Value of property recovered for other Police Departments.....	5,190	00

Offences against the person.....	480	Offences against the currency ...	5
Offences against property com-		Offences against the license law..	47
mitted with violence.....	97	Offences against chastity, etc. ...	3,323
Offences against property with-		Offences not included in the fore-	
out violence.....	368	going.....	2,564
Malicious offences, property	23		

Insane person taken in charge...	10	Summonses served for other	
Search warrants issued, liquor...	5	police departments.....	1,384
Search warrants issued, all others	89	Witnesses detailed.....	1
Arrests by summons.....	1,536	Search warrants issued, drugs....	3
		Arrests by warrants.....	546

SALARIES AND GENERAL EXPENSES
For the Year Ending 1938

A-1	Salaries.....	\$491,542 96
B-1	Printing and binding.....	22 00
B-2	Postage.....	387 00
B-3	Advertising posting.....	9 00
B-4	Transportation.....	33 05
B-5	Cartage and freight.....	1 07
B-8	Light and power.....	1,462 38
B-13	Communications.....	2,859 59
B-14	Motor vehicles, repair and care.....	109 75
B-29	Stenographic.....	15 00
B-35	Fees.....	6 00
B-39	Service not otherwise coded.....	54 85
C-4	Motor vehicles.....	11,271 59
C-9	Office.....	107 73
C-13	Tools and instruments.....	438 00
C-13a	Garage tools.....	48 90
C-16	Wearing apparel.....	6,274 70
C-18	Regalia.....	205 59
D-1	Office supplies.....	999 70
D-2	Food and ice.....	87 85
D-8	Laundry.....	73 38
D-11	Gasoline and oil.....	4,058 38
D-16	Supplies not otherwise coded.....	335 06
D-17	Motor vehicles parts.....	1,594 14

REPORT OF THE MATRONS

Accosting opposite sex	15	Lewdness.....	3
Adultery.....	3	Lewd cohabitation.....	3
Auto, using without authority... ..	1	Narcotic drugs.....	1
Auto, operating no license.....	3	Neglected children.....	4
Auto, operating under influence of intoxicating liquor.....	3	Registering bets.....	1
Default warrants.....	6	Runaways.....	4
Disturbing the peace.....	11	Safe keeping	6
Drunkenness.....	228	Stubborn child.....	5
Fornication.....	2	Suspicious person.....	12
Gaming, present at.....	6	Trespass.....	1
Idle and disorderly.....	1	Violation of probation.....	8
Larceny.....	6	Vagrancy.....	2

MARY A. BARROW,
ISABELLA A. DONELAN.
Matrons.

REPORT OF POLICEWOMAN

Cases investigated on account of complaints to police.....	146
Cases investigated on account of complaints to policewoman.....	449
Number of juveniles included in the above	325
Calls at homes in interest of women and children.....	268
Calls at homes for follow-up work.....	233
Visits to dance halls.....	46
Visits to theatres.....	13
Visits to shops.....	406
Number of times assisted City Physician.....	12
Number of hospital cases.....	8
Number of psychopathic cases.....	9
Number of clinic cases.....	11
Abused or neglected children investigated and cared for	182
Parents neglected children.....	84
Shoplifters warned (adults).....	7
Shoplifters warned (children).....	15
Wives reporting trouble with husbands.....	28
Husbands reporting trouble with wives.....	24
Questionable persons investigated.....	409
Questionable houses investigated.....	4
Girls on streets warned regarding general behavior.....	126
Girls on streets warned regarding soliciting automobile rides.....	63
Men in automobiles warned regarding accosting women.....	72
Children in streets warned regarding curfew law.....	82
Boys warned regarding begging outside theatres.....	11
Boys warned regarding selling on streets without licenses.....	52
Girls warned regarding selling on streets under age.....	6
Girls warned regarding age limit in dance halls.....	3
Missing persons reported.....	45
Missing persons found.....	40
Larceny cases.....	28
Indecent assault cases.....	6
Attempted rape cases.....	8
Rape cases.....	8
Incest cases.....	9
Illegitimacy cases.....	58
Cases referred to other agencies.....	29
Arrests.....	21
Escorting arrested persons from other cities to Cambridge.....	4
Positions obtained for unemployed persons.....	2

J. EDITH TAYLOR,
Policewoman.

REPORT OF THE BUREAU OF CRIMINAL INVESTIGATION

Investigations made.....	1,397
Arrests made.....	590
Taxicab operators fingerprinted.....	51
Prisoners fingerprinted.....	253
Copies of fingerprints sent to Department of Public Safety.....	253
Copies of fingerprints sent to Department of Justice.....	253
Prisoners photographed.....	253
Prisoners' photographs sent to Department of Public Safety.....	253
Prisoners' photographs copied.....	10
Value of property recovered.....	\$19,021 25
Persons reported missing.....	150
Persons reported missing and found.....	148

INSPECTOR OF CLAIMS

Accidents investigated (against the city).....	128
Claims investigated.....	88
Corporations investigated.....	91
Jurors investigated.....	57
Sign permits and bonds investigated.....	47
Pictures and measurements taken.....	97
Special investigations.....	17

INSPECTOR OF PAWNSHOPS

Investigations made.....	300
Visits made to pawnshops in this city and Boston.....	1,425
Property recovered.....	\$11,989 65
Arrests made.....	17

AUTOMOBILE SQUAD

Cars reported in this city.....	517
Cars stolen and recovered in this city.....	344
Cars stolen in this city and recovered outside of city.....	168
Cars stolen in other cities and recovered in this city.....	290
Cars stolen in this city and not recovered.....	5
Value of cars stolen in this city.....	\$353,116 00
Number of cars transferred.....	8,012
Automobile plates stolen in this city.....	45
Automobile plates recovered in this city.....	15
Investigations made.....	185
Arrests made.....	83
Value of money and property recovered.....	\$6,805 60

DOMESTIC RELATIONS

Non-support.....	150
Violation of probation.....	136
Bastardy.....	37
Neglected children.....	6
Assault and battery.....	5
Drunkenness.....	5
Failing to perform contract.....	4
Larceny.....	3
Neglect of children.....	2
Lewdness.....	2
Lewd and lascivious cohabitation.....	2
Total.....	352

Of the number of persons arrested during the year, 438 are on probation. Included in the total number of arrests are thirty cases handled for other cities and towns, and four cases handled for other States. The following trips were made outside the State to bring back prisoners:

Providence, Rhode Island.....	2
New Haven, Connecticut.....	1
Newport, Vermont.....	1
Poughkeepsie, New York.....	1
Hartford, Connecticut.....	2
New York City.....	5
Charlottesville, Virginia.....	1

Total.....	13
Trips made to cities and towns within the State.....	118
Investigations made (no court action).....	265

Fifty-seven men living outside of the State are contributing to the support of their dependents in this city.

IDENTIFICATION

Investigations made.....	222
Taxicab operators fingerprinted.....	51
Prisoners fingerprinted.....	253
Copies of prints sent to Department of Public Safety.....	253
Copies of prints sent to Department of Justice.....	253
Prisoners photographed.....	253
Prisoners' photographs sent to Department of Public Safety.....	253
Photographs copied.....	10
Value of property recovered.....	\$12,749 50
Arrests made.....	132

Respectfully submitted,

JOHN J. CANNEY,
Chief Inspector.

TRAFFIC BUREAU

In connection with the safety activities of the officers of this city, the automobile accident record for the year 1938 shows a decrease in accidents of 20 per cent; the fatalities for 1938 were 14 as against 13 for 1937. Eleven fatalities were caused by auto *vs.* pedestrian; 1 by auto *vs.* auto; 1 by auto *vs.* motorcycle; and 1 auto *vs.* fixed object.

The Traffic Bureau between January 1, 1938 and December 31, 1938 issued 4,250 summons for violation of the parking laws, notifying them to appear before the clerk of the District Court.

One hundred and sixty-three offenders of the parking law who failed to appear before the clerk of the District Court, within ten days from the date of the violation, resulted in notices being

sent from the Registrar of Motor Vehicles, suspending the violators' licenses until the criminal case which followed was disposed of by the Justice of the District Court.

The cases of first offenders were placed on file; second offense a fine of two dollars was imposed. Third and fourth offenders were fined five dollars. Two hundred and twenty-five dollars in fine was imposed for violation of the parking laws.

Seven hundred and eighty operators of motor vehicles were apprehended for violating various automobile laws and \$2,959 was paid in fines. Four hundred and eighty-five operators of motor vehicles were reported to the Registrar of Motor Vehicles for violation of the automobile laws.

Traffic hazards have been studied throughout the city and recommendations made to abate them. Talks of motor vehicles, safety and parking have been delivered before groups of business men in the city. Recommendations for changes in the traffic regulations have been made with some success.

I recommend that two more officers be assigned to the accident investigation unit. At the present time only one officer is assigned to this important work, and he is on duty only during the day. The addition of two more officers would increase the efficiency of the unit and result in a closer contact with accidents for a twenty-four-hour period.

The State Department of Public Works after a survey of the traffic conditions in this city recommend that traffic control signals be installed at the following intersections:

Broadway and Trowbridge, Broadway and Ellery, Broadway and Inman, Broadway and Portland, Broadway and Sixth, Harvard and Inman, Harvard and Prospect, Harvard and Windsor, Harvard, Sixth, Ames and Main Streets, Concord Avenue and Walden, Columbia and Austin Street.

During the year 1939 we hope to cut down the accident rate, thereby cutting down the loss of life and injury to our people.

Respectfully submitted,

JOHN R. KING,
Lieutenant in Charge.

JUVENILE AID BUREAU

The Juvenile Aid Bureau received 531 complaints from the uniform force of the Department, consisting of breaking and entering, larceny, breaking windows, stealing rides on street cars, newsboys and bootblacks working without a license, bathing without suits, destruction of property, truancy and various other crimes.

During the year sixty-three cases were brought before the juvenile court. Some of them were carried over from the previous year. Four boys were sent to the Lyman School, three from this city and one from Somerville. Adults arrested by the Bureau for the following offences: Neglect of children, 7; Lewdness, 4; Indecent assault, 1; Carnal abuse of female child, 1; Contributing to delinquency, 2; Unlawful appropriation of automobile, 1; and Drunkenness, 5. Eighteen neglected children were brought before the court.

Property stolen or damaged amounted to \$239.66. Restitution was made in full. The following organizations rendered valuable assistance to the Bureau: Cambridge Lodge of Elks; all the Community Centers; Young Men's Christian Association; Catholic Charitable Bureau; Family Welfare Societies and various churches throughout the city. His Honor the Mayor and the Chief of Police have coöperated to such an extent that they have made it possible for the success of this squad.

We have found that a great deal of delinquency is caused by economic conditions. Some of the boys investigated by the squad did not attend any church, while others attended once in a while, and the same conditions were found with the parents.

This city has close to 20,000 children between the ages of 7 and 17 in school, and about 2,000 between 16 and 17 who do not go to school at all. During the summer months the Cambridge Lodge of Elks sent 25 boys under our supervision to their camp in Maine, while ten were sent to the Wayfarers Camp in Billerica.

Included in this unit is the safety officer for the school children. He visited 24 public schools and instructed 15,600 children in safety. Eleven parochial schools were visited by him and 6,943 children received safety instructions. Four private schools were visited and 442 children instructed on safety.

Boys apprehended stealing rides on busses, trackless trolleys, and other motor vehicles, 217. Boys warned about standing in

roadway thumbing rides from motorists, 521. Stolen bicycles recovered and returned to proper owners, three. Boys caught entering theatres without tickets, 17. Personal talks at homes in the interest of children for violating safety rules, 193.

Each year the Kiwanis Club of Cambridge donates a cup to be awarded to the best safety patrol. After careful consideration the St. John's Parochial School was adjudged the winner. This school had the largest safety patrol of any school in Cambridge. The boys were very much interested in their work. Always appeared in their safety belts. Some of the boys lived great distances from the school. They were always on the job and were declared very efficient.

Presentation of the cup was made at a meeting of the Kiwanis Club, June 15, 1938, by His Honor Mayor John W. Lyons. In behalf of the safety patrol boys I wish to thank the Kiwanis Club for their coöperation. At this time I wish to thank Mr. Maurice Corkery, manager of the Central Square Theatre, for allowing the safety patrol boys to attend his shows every week. Also Mr. Stanley Summer for his kindness in allowing the school safety patrol boys to attend his shows weekly at the University Theatre, Harvard Square.

Respectfully submitted,

WALTER L. MAHER,
Safety Officer.

THOMAS W. McAULIFFE,
Sergeant in Charge.

TRAFFIC AND OTHER ACCIDENTS

	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Automobiles.....	2	40	1	49	3	65	0	74	0	72	0	100	2	97	1	93	1	83	1	79	1	80	1	84	13	922
Bicycles.....																										
Horse vehicles.....																										
Motorcycles.....																										
Street cars.....																										
Steam railroad.....																										
Crossings.....																										
Other causes.....		19		15		19		24		28		22		20		17		13		23		18		12		
Total killed.....	2	59	1	64	3	84	0	48	0	100	0	128	2	117	2	110	1	96	1	102	1	98	1	14		
Total injured.....																									1,142	

RECAPITULATION

Total killed.....	14
Total injured.....	1,142

AMBULANCE, WAGON, TELEPHONE AND DUTY SYSTEM CALLS

Month	Wagon Calls	Miles Run	Ambu- lance Runs	Miles Run	Tele- phone Calls	System Calls
January.....	425	113-089	117	413-182	2,198	21,978
February.....	489	904-463	87	237-915	2,805	23,987
March.....	420	878-649	117	365-946	23,736	3,242
April.....	438	1,008-822	81	230-179	3,177	23,814
May.....	409	955-445	89	321-839	3,071	23,777
June.....	482	1,121-752	81	354-709	3,243	26,011
July.....	452	1,112-718	88	333-517	2,691	20,937
August.....	387	980-619	56	191-953	1,334	28,150
September.....	412	1,079-449	89	474-148	18,926	2,469
October.....	496	1,659-707	85	368-732	2,593	20,058
November.....	452	1,757-107	109	444-014	2,388	21,218
December.....	401	1,039-226	85	319-775	3,224	23,471
Total.....	5,264	10,238-027	1,084	4,053-909	71,386	238,148

Substantial progress is now being made in this city for the repression of crime. This has been brought about, chiefly, by the installation of the two-way radio system and additional cruising cars.

His Honor the Mayor John W. Lyons instituted the Juvenile Aid Bureau for the guidance of children. There is no desire or authority to visit punishment on those of them who violate the law, but rather to correct and protect society and the future of the minors by proper treatment.

Crimes of violence decreased as compared with the year 1937. Assault and robbery cases were less in number than during the year 1937. Burglary cases reported were lower than in the year 1937.

During the year many improvements in the regulations of traffic were made, including additional signal lights at various intersections. Fatalities and injuries due to accidents in cases of adults and children have decreased during the year. This no doubt was brought about by the constant drive of violators of the speed law.

Every member of the Department contributed a day's pay to the Community Fund Drive and also donated to other charitable organizations during the year amounting to over \$2,000.

Five hundred children were provided with food and clothing at the Christmas party conducted at the Central Station.

One of the most daring robberies in this city occurred in October, when two bandits held up the paymaster of the Jordan Marsh Company, and seized \$6,000 in cash. Upon being informed of the hold-up, four radio cars came into the area where the crime took place. They picked up the trail of the fleeing bandits' car and chased it into Brighton, where one bandit was killed in an exchange of shots. The second bandit was captured and while awaiting trial committed suicide.

The two-way radio system has proven its worth in apprehending criminals. The assistance of the public in notifying the police immediately when a crime has been committed has proven to be of great value.

Respectfully submitted,

TIMOTHY F. LEAHY,
Chief of Police.

ANNUAL REPORT OF THE SEALER OF WEIGHTS AND MEASURES

For the Year Ending December 31, 1938

To the Honorable City Council:

In compliance with the City Ordinance I respectfully submit a report of the Department of Weights and Measures for the year ending December 31, 1938.

Appropriation \$12,685.09

Expended

Salaries:

Joseph M. O'Neil, Sealer	\$3,300 00	
James J. Lynch, First Deputy Sealer	2,500 00	
Edward W. Barker, Deputy Sealer	2,340 00	
Anders T. Anderson, Deputy Sealer	2,000 00	
	<hr/>	\$10,140 00
Street Department, oil and gasoline	86 61	
Crimson Garage, repairs and supplies	57 65	
New England Scale Co., supplies	69 00	
Lowry Optician, magnifying glass	2 50	
Cambridge Vulcanizing Co., supplies	25 49	
McKenzie Motor Sales, new car	824 09	
McKenzie Motor Sales, supplies	8 98	
Acme Wood Pattern Co., 2 boxes for weights	14 00	
Boston Elevated Railway, car tickets	5 00	
Oil and Gasoline Merchants Supply Co.	1 07	
Pill Hardware Co., supplies	4 35	
Gofkauf Co., supplies	2 95	
Hobbs & Warren, supplies	61 50	
Kee Lox Mfg. Co., typewriter ribbons	1 50	
Tobias & Co., 2 tool bags	9 00	
Robinson Seal Co., supplies	59 75	
Cambridge Sentinel, advertising	7 00	
Commercial Supply Co., supplies	5 35	
Richdale Garage, repairs	2 50	
Superior Tire Co., tire and tube	12 05	
S. M. Spencer, badge	1 75	
W. & L. E. Gurley, standard yard measure	5 50	
Allen Doane Co., dies	19 50	
Joseph M. O'Neil, convention	7 80	
Edward W. Barker, registrations	4 00	
Fitz Towel Supply Co., towels	11 00	
Cambridge Recorder, advertising	3 00	
John J. Koehane, repairs	75	
New England Telephone and Telegraph Co.	49 69	
Peter F. Tague, stamps	5 00	
	<hr/>	\$11,508 33

Amount unexpended \$1,176 76

Revenue:

Fees for sealing	\$1,576 87	
Fees for adjusting	120 10	
	<hr/>	\$1,696 97
Total amount expended	\$11,508 33	
Total amount collected	1,696 97	
	<hr/>	\$9,811 36
Net expenses of department		

TESTS MADE FOR YEAR ENDING DECEMBER 31, 1938

Scales sealed	3,319	
Scales adjusted	396	
Scales condemned	68	
	<hr/>	3,783
Weights sealed	3,229	
Weights adjusted	37	
Weights condemned	72	
	<hr/>	3,338
Dry measures sealed	5	
Liquid measures sealed	535	
Liquid measures condemned	17	
	<hr/>	557
Vehicle tank compartments sealed	65	
Yard measures sealed	53	
Cloth measures sealed	7	
Cloth measures condemned	4	
	<hr/>	64
Gasoline pumps sealed	139	
Gasoline pumps adjusted	27	
	<hr/>	166
Gasoline meters sealed, 1 inch or less	354	
Gasoline meters sealed, over 1 inch	108	
Gasoline meters adjusted	83	
	<hr/>	545
Grease measuring devices sealed	183	
Grease measuring devices adjusted	4	
	<hr/>	187
Platform scales capacity over 10,000 lbs.	41	
Platform scales 5,000 to 10,000 lbs.	50	
Platform scales under 5,000 lbs.	405	
Counter scales sealed	515	
Beam scales sealed	12	
Spring scales sealed	544	
Computing scales sealed	557	
Person scales sealed	135	
Prescription scales sealed	66	
Jeweler's scales sealed	11	
	<hr/>	2,336
Taximeters sealed	47	47
Total number of tests made		11,023

STANDARDS FURNISHED BY THE COMMONWEALTH

- 1 set (5) avoirdupois weights, 50 pounds to 5 pounds
- 1 set (11) avoirdupois weights, 4 pounds to 1/16 ounce
- 1 kilogram in case
- 1 steel meter in case
- 1 brass yard measure
- 1 set (5) iron dry measures, 1/2 bushel to 1 quart
- 1 set (6) iron liquid measures, 1 gallon to 1 gill

City of Cambridge Property

1 roll top desk.....	}	\$200 00
1 black walnut desk.....		
4 chairs.....		
1 black walnut table.....		
1 oak table.....		
1 set card records.....		
1 set card index.....	}	\$304 00
Test tank and trailer.....		
1 office record book.....		10 00
1 record book.....		8 00
1 platform scale.....		75 00
1 folding platform scale.....		30 00
1 balance, 1/50 grain to 1/2 pound.....		15 00
1 balance, 1 milligram to 500 grams.....		35 00
1 sealer's balance, oak cabinet.....		950 00
2 leather tool bags.....		9 50
1 spring scale, 1 pound to 125 pounds.....		1 00
2 set (19) avoirdupois weights.....		10 00
1 set avoirdupois weights, 1/32 ounce to 10 pounds.....		50 00
1 set (9) troy weights, 16 ounces to 1/4 ounce.....		3 00
1 set (18) troy weights, 10 ounces to 1/2 grain.....		11 50
1 set (13) metric weights, 1 kilo to 1 gram.....		5 00
1 set (21) metric weights, 50 grams to 1 milligram.....		13 50
2 sets (30) apothecaries' weights, 2 drams to 1/2 grain.....		15 00
1 set (3) iron weights, 25 lbs., 10 lbs., 5 lbs.....		5 00
32-50 pound weights.....		80 00
3 glass graduates.....		1 00
1 set (5) copper dry measures, 1/2 bushel to 1 quart.....		45 00
1 5-gallon copper measure.....		15 00
1 set (8) copper liquid measures.....		15 00
5 test cans, 5 gallons to 1 gallon.....		50 00
1 Underwood portable typewriter.....		25 00
1 filing cabinet.....		18 50
1 standard yard measure.....		6 00
1 desk lamp.....		5 00
1 Ford automobile (coupe).....		400 00
1 Ford automobile (business sedan).....		800 00
250 cloth seals.....		1 75
250 aluminum seals.....		3 25
200 leads and wires.....		1 25
Miscellaneous tools.....		25 00
Total.....		<hr/> \$3,242 25

Respectfully submitted,

JOSEPH M. O'NEIL,
Sealer of Weights and Measures.

REPORT OF THE CITY MISSIONARY

Cambridge, Mass., February 10, 1939.

*To His Honor the Mayor, the City Council,
and Frederick H. Burke:*

I herewith present the annual report of my stewardship as City Missionary for the past year in the cause of temperance.

I have attended the sessions of the Third District Court about every day, and I have sometimes visited the station house on Sundays. I have spoken kind and encouraging words to 58 females and 1,384 males. I have talked moral suasion to them as forcibly as I could, as I think more good can be accomplished in that way than in any other.

I am working in perfect harmony with the Court, Police and Probation Office and any recommendation of mine is given favorable consideration.

In conclusion, gentlemen, if temperance does not gain this year, it will be through no neglect of mine.

Respectfully,

JOHN F. CAWLEY,
City Missionary.

REPORT OF THE FIRE DEPARTMENT

For the Year Ending December 31, 1938

To His Honor the Mayor and the City Council:

Gentlemen: In compliance with requirements of the City Ordinances I respectfully submit my fifth annual report of the Fire Department of the City of Cambridge for the year beginning January 1, 1938 and ending December 31, 1938.

This report contains the cost of maintenance, membership, condition of apparatus, a record of fires and alarms of fire, and the cause thereof as near as could be ascertained, the value of property at risk, the insurance thereon, the loss or damage sustained, and such other information as may be of interest.

FINANCIAL STATEMENT

Department appropriation for salaries	\$465,441 08
Total amount expended for salaries	464,671 68
<hr/>	
Unexpended balance from salaries	\$769 40
Department appropriation for general expenses . . .	\$41,705 00
Department expended for general expenses	40,494 45
<hr/>	
Unexpended balance from general expenses	\$1,210 55

The following is a list of the values, loss, insurance and insurance paid on fires for 1938:

	<i>Value</i>	<i>Loss</i>	<i>Insurance</i>	<i>Insurance Paid</i>
Buildings.....	\$5,496,613 00	\$230,331 08	\$5,343,568 00	\$230,030 84
Contents.....	406,981 00	126,467 00	457,100 00	123,542 00
	<hr/>	<hr/>	<hr/>	<hr/>
Total.....	\$5,903,594 00	\$356,798 08	\$5,800,668 00	\$353,572 84

From January 1, 1938 to December 31, 1938 the Fire Department received and turned into the City Treasurer \$580.55 for permits, refunds on gasoline and sale of old junk, etc.

ORGANIZATION

The manual force of the Department for the year ending December 31, 1938 consisted of 204 members as follows: 1 chief, 4 deputy chiefs, 14 captains, 16 lieutenants, 3 enginemen, 2 assistant enginemen, 164 privates, 1 master mechanic with rank of captain.

There are 9 motor pumping engines, 8 combination hose and chemical wagons, 4 aerial ladder trucks, 1 rescue wagon, 1 flood-light truck, 1 chief's car, 2 deputy chief's cars, 1 repair truck, 1 light pick-up truck, used by repair division, and all in active fire service.

During the year 1 lieutenant promoted to grade of captain, 1 private promoted to grade of lieutenant, 6 privates appointed, 1 captain died, 1 captain pensioned, 2 privates pensioned.

PROMOTIONS

Lieutenant Burke, Edmund M., promoted to grade of captain June 26, 1938.

Private O'Connor, Thomas F., promoted to grade of lieutenant June 26, 1938.

APPOINTMENTS

Otis D. Powers, Jr., appointed private June 26, 1938.

Paul J. Blanchard, appointed private June 26, 1938.

Michael A. McDonald, appointed private October 16, 1938.

James P. Cook, appointed private October 16, 1938.

James V. Conlin, appointed private October 16, 1938.

Harold H. Cooper, appointed private December 18, 1938.

PENSIONED

Private White, William J., pensioned May 20, 1938.

Private Lucey, John J., pensioned November 26, 1938.

Captain Sullivan, Dennis R., pensioned December 31, 1938.

DEATHS

Captain Shea, Edward J., died May 1, 1938.

Chief Vose, Cutler L. (pensioned), died September 1, 1938.

APPARATUS

The apparatus of the Department in active service consists of the following:

- One triple combination pumping engine, one thousand gallons.
- Four triple combination pumping engines, seven hundred and fifty gallons.
- Four combination motor pumping engines, seven hundred and fifty gallons.
- Eight motor combination hose and chemical wagons.
- One hundred-foot aerial ladder truck.
- One eighty-five-foot aerial ladder truck.
- One rescue wagon.
- One floodlight truck fully equipped.
- One repair and wrecking truck.
- One light pick-up truck.
- One automobile for chief of Department.
- Two automobiles for deputy chiefs.
- Two seventy-five-foot aerial ladder trucks.

APPARATUS IN RESERVE

- One triple combination pumping engine, seven hundred and fifty gallons capacity.
- One combination hose and chemical wagon
- One aerial ladder truck (seventy-five foot).
- One city service ladder truck fully equipped.

RESPONSE

The deputy chiefs and companies of the Department responded to the following number of alarms of fire, both bell and still, also emergency calls, for the year ending December 31, 1938:

Deputy Church, District No. 1, 312 calls.	
Deputy Caldwell, District No. 1, 305 calls.	
Deputy Dardis, District No. 2, 171 calls.	
Deputy Marshall, District No. 2, 146 calls.	
Engine No. 1	413
Engine No. 2	556
Engine No. 3	240
Engine No. 4	187
Engine No. 5	682
Engine No. 6	430
Engine No. 7	397
Engine No. 8	403
Engine No. 9	204
Ladder No. 1	350
Ladder No. 2	313
Ladder No. 3	458
Ladder No. 4	297
Rescue No. 1	892

Floodlight truck responded to 12 calls and worked 50 hours supplying light for fires and emergencies.

The following is a list of the time that apparatus was out of quarters, and the equipment and appliances used, with the number of inspections and other information offered:

Out of quarters, 2,556 hours. Out of city limits: Somerville, 74 hours; Belmont, 10 hours; Watertown, 8 hours. Laid 256,450 feet of 2½-inch hose. Laid 28,700 feet of 1½-inch hose. Used 37,445 feet of ladders. Used 206 large chemical tanks. Used 167 soda and acid extinguishers (2½ gallons). Used two foamite tanks. Used 176 pounds of CO₂. Used masks, 20 hours. Used inhalators, 48 hours. Used 33 fusees for chimney fires. Used 119 salvage covers for protection. Engine pumps worked 263 hours. Booster pumps worked 147 hours. 17,440 inspections made. 7,935 gallons of naphtha used. 134 gallons of motor oil used. 792 drills held by members and companies.

The Department responded to 1,056 bell alarms, 668 still alarms, a total of 1,724 alarms. Included in the above we had three general alarms and four multiple or two no alarms. Also the Department responded to 350 false alarms of fire, the most the Department ever had. This is a very serious and dangerous condition and something should be done to stop this needless responding of apparatus and men, causing considerable wear and sometimes damage to apparatus, and there is always the danger of leaving the districts uncovered while the apparatus is responding to false alarms.

The Fire Prevention Bureau and the several companies made 17,440 inspections during the year and eliminated many hazards. Since September 1, 1938 the cellars of every dwelling in the city have been inspected, resulting in the correction of many hazardous conditions, and will no doubt lessen the number of fires in dwellings.

The drill master reports that 52 company drills were held at the drill yard, Ladder No. 2, Portland Street, and 792 drills were held at company quarters. Six new members appointed attended the drill school for 30 days as required by Department rules and regulations.

REPAIR DIVISION

Hose No. 8 equipped with new wheels and pneumatic tires, spare hose wagon equipped with new tires, minor repairs too

numerous to mention have been made to the apparatus. Some of our equipment is so old that much of the time of the repair men is necessary to keep the apparatus in running condition.

NEW EQUIPMENT

A new 100-foot hydro-mechanical duralumin aerial ladder truck with booster tank, pump, and equipped with a 1,250 watt United States floodlighting outfit was purchased and placed in service at Lafayette Square Station. This ladder is in three sections and can be raised to a height of 100 feet, and will reach the upper stories or roof of any building in the city.

One 1,250 watt homelite generator and floodlight was installed on rescue wagon and has already proved its worth.

One Ford pick-up truck, $\frac{1}{2}$ -ton, has been purchased for the repair division.

The Lafayette Square Station was entirely remodeled and renovated and is now one of the best fire stations in our city.

RECOMMENDATIONS

Again I recommend that at least one new pumping engine be purchased each year until all of our old engines are replaced. Six of our present engines are from 12 to 16 years old, all have two-wheel brakes and need extensive repairs to keep them in working order. Three floodlight generators, one each for Ladder Nos. 1, 2, 4, and also two small portable pumps for clearing cellars of water during floods and heavy rains such as we experienced during the summer of 1938. That the drill tower be painted and strengthened this year, as no repair work has been done on this tower since it was built in 1930 and much repairing is necessary.

That the headquarters building be painted inside and out and the hurricane damage be repaired as early as possible. Our experience with WPA projects has been a great disappointment. Engine No. 4 Station and Engine No. 7 Station have been under construction since May 1937 and are at present only half finished. I strongly recommend that both of these projects be finished by contract and that any Fire Department building in the future in need of repairs be done by contract.

CONCLUSION

To his Honor the Mayor for his courtesy and interest in all matters concerning the Fire Department, the members of the

City Council for their kindness and consideration, to the officers and members of the Fire Department for their coöperation and loyalty my thanks are due.

To the Electrical, Police and Water Departments I extend my thanks for their coöperation for the year.

To the City of Somerville, and the Towns of Arlington, Belmont and Watertown, my thanks are due for their assistance rendered on many occasions.

And last but not least to Mr. James F. Mahoney, Superintendent of Streets, and his employees for their wonderful coöperation in keeping the dump fires at a minimum. In 1937 we had 179 dump fires, in 1938 we had 72 dump fires, which meant a substantial saving in hose, wear and tear of apparatus and injuries to members, and he is to be commended for his good work.

Respectfully submitted,

HERMAN E. GUTHEIM,
Chief of Fire Department.

Cambridge, Massachusetts.

FIRE DEPARTMENT ROSTER

Chief.....	Herman E. Gutheim
Deputy Chief.....	Joseph H. Caldwell
Deputy Chief.....	George L. Church
Deputy Chief.....	John H. Dardis
Deputy Chief.....	Arthur L. Marshall
Chief's Clerk, rank of Private.....	Edward E. Gaughan
Chief's Aid, rank of Private.....	Edward J. Fitzgerald
Chief's Aid, rank of Private.....	Patrick V. Russell
Deputy Chief's Aid, rank of Private.....	John J. Connolly
Deputy Chief's Aid, rank of Private.....	William F. Davidson
Deputy Chief's Aid, rank of Private.....	David J. Ryan
Deputy Chief's Aid, rank of Private.....	Thomas J. Sweeney

ENGINE COMPANY No. 1
Broadway and Cambridge Street

Captain.....	Otis D. Powers
Lieutenant.....	Timothy F. McCarthy
Assistant Engineman.....	Hiram W. Hooker
Permanent Private.....	William T. Anderson
Permanent Private.....	John F. Coughlin
Permanent Private.....	Leo A. Diehl
Permanent Private.....	Horace Eagleson
Permanent Private.....	Joseph B. Higgins
Permanent Private.....	Francis R. Jefferson
Permanent Private.....	Vincent F. Kelley
Permanent Private.....	Dennis McCarthy
Permanent Private.....	Martin P. Malloy
Permanent Private.....	Manuel G. Travers

ENGINE COMPANY No. 2
378 Massachusetts Avenue

Captain.....	Henry E. Kilfoyle
Lieutenant.....	Joseph A. Mullen
Permanent Private.....	Philius P. Belanger
Permanent Private.....	Dennis F. Cremins
Permanent Private.....	Ursise W. E. Fournier
Permanent Private.....	Harold F. Magee
Permanent Private.....	Joseph L. Mills
Permanent Private.....	Daniel F. O'Connell
Permanent Private.....	Joseph D. Sheehan
Permanent Private.....	Thomas D. Short
Permanent Private.....	John J. Stack
Permanent Private.....	Charles W. Sullivan
Permanent Private.....	Joseph H. Vargus
Permanent Private.....	Louis J. Woodbury

ENGINE COMPANY No. 3
Third and Gore Streets

Captain.....	Edward F. Kelley
Lieutenant.....	James E. Crowley
Assistant Engineman.....	James A. S. Drinkwater
Permanent Private.....	William F. Bulger
Permanent Private.....	Francis W. Dilworth
Permanent Private.....	Henry E. Findley
Permanent Private.....	Daniel J. Holleran
Permanent Private.....	Edward F. Looney
Permanent Private.....	James Stack
Permanent Private.....	John F. Stanton
Permanent Private.....	Francis F. Sweeney
Permanent Private.....	Lawrence J. Watts

ENGINE COMPANY No. 4
2029 Massachusetts Avenue

Captain	John Gibson
Lieutenant	John J. Murphy
Engineman	John T. Henderson
Permanent Private	Walter L. Allen
Permanent Private	Arthur J. Bolduc
Permanent Private	James W. Breslin
Permanent Private	James V. Conlin
Permanent Private	Leo G. Cook
Permanent Private	Edward L. Cuthbert
Permanent Private	Joseph L. Lehan
Permanent Private	Thomas J. Lovett
Permanent Private	Otis D. Powers, Jr.
Permanent Private	Laurence M. Tarbox

ENGINE COMPANY No. 5
Inman Square

Captain	Charles F. O'Connor
Lieutenant	Edward T. Murphy
Permanent Private	Joseph Bedard
Permanent Private	George E. Blomquist
Permanent Private	John J. Callan
Permanent Private	Frank A. Casey
Permanent Private	James J. Corkery
Permanent Private	Patrick J. Cremins
Permanent Private	John F. Kenney
Permanent Private	Michael J. Mahoney
Permanent Private	Luke H. Masterson
Permanent Private	Patrick J. Murphy
Permanent Private	William T. Murphy
Permanent Private	Gilbert F. Rebello

ENGINE COMPANY No. 6
176 River Street

Captain	George A. Ryan
Lieutenant	James H. McCabe
Permanent Private	John E. Bagwell
Permanent Private	Walter E. Broderick
Permanent Private	Joseph A. Brussard
Permanent Private	William F. Campbell
Permanent Private	George H. Carrier
Permanent Private	James P. Cook
Permanent Private	Henry A. Cutting
Permanent Private	Edward F. Daisy
Permanent Private	William J. McNally
Permanent Private	Thomas F. Mullen
Permanent Private	John J. Murphy, 1st

ENGINE COMPANY No. 7
Main Street, Corner Dock Street

Captain	John F. Collins
Lieutenant	Timothy F. White
Engineman	Joseph S. Hayes
Permanent Private	Joseph T. Ballantine
Permanent Private	James B. Burrell
Permanent Private	Edward J. Campbell
Permanent Private	Benjamin J. Cavanaugh
Permanent Private	Allen L. Cremins
Permanent Private	Louis H. Fabry

Permanent Private.....	Francis J. G. Hanley
Permanent Private.....	Carl F. Johnson
Permanent Private.....	Joseph E. McKenna

ENGINE COMPANY No. 8
Junction of Garden and Sherman Streets

Captain.....	Dennis R. Sullivan
Lieutenant.....	Arthur J. Foster
Permanent Private.....	Harold H. Cooper
Permanent Private.....	Edward Ennis
Permanent Private.....	John J. Flavin
Permanent Private.....	Frank J. Harrington
Permanent Private.....	Robert F. Kelley
Permanent Private.....	Michael A. McDonald
Permanent Private.....	Daniel P. Moynihan
Permanent Private.....	Michael T. Munyon
Permanent Private.....	Francis J. Murphy
Permanent Private.....	John J. Murphy, 3d
Permanent Private.....	Maurice J. Murphy
Permanent Private.....	Aloysius O'Reilly
Permanent Private.....	John P. Wallace

ENGINE COMPANY No. 9
167 Lexington Avenue

Captain.....	Henry J. O'Brien
Lieutenant.....	Thomas L. Wilkshire
Permanent Private.....	Charles T. Anderson
Permanent Private.....	Elzear D. Breton
Permanent Private.....	Charles L. Carrier
Permanent Private.....	Charles H. Cooke
Permanent Private.....	Lawrence A. Corcoran
Permanent Private.....	George E. Lorigan
Permanent Private.....	Thomas J. Mahoney
Permanent Private.....	Leo F. McCarthy
Permanent Private.....	Joseph W. McCloskey
Permanent Private.....	Jeremiah J. Sullivan

LADDER COMPANY No. 1
Broadway and Cambridge Street

Captain.....	William J. Curry
Lieutenant.....	John J. Lavey
Permanent Private.....	Charles N. Anderson
Permanent Private.....	John J. Balfe
Permanent Private.....	George Cotter
Permanent Private.....	William Dias
Permanent Private.....	Francis J. Feeney
Permanent Private.....	Andrew L. Gelinas
Permanent Private.....	Oscar T. Johanson
Permanent Private.....	Jeffry J. Landry
Permanent Private.....	Thomas W. Lane
Permanent Private.....	James E. Mulrey
Permanent Private.....	David C. Murphy
Permanent Private.....	John J. Tattan

LADDER COMPANY NO. 2
Portland and Thorndike Streets

Captain.....	Edmund M. Burke
Lieutenant.....	Edward F. Caldwell
Permanent Private.....	Walter E. Clancy
Permanent Private.....	James J. Fitzgerald
Permanent Private.....	Edward R. Harrington
Permanent Private.....	Laurence H. Johnson

Permanent Private.....	Joseph King
Permanent Private.....	Michael Mullen
Permanent Private.....	Daniel P. Murphy
Permanent Private.....	John J. O'Neil
Permanent Private.....	Joseph Silveira
Permanent Private.....	Morris A. Skold
Permanent Private.....	William L. Sullivan
Permanent Private.....	Arthur W. Tisdale

LADDER COMPANY No. 3
394 Massachusetts Avenue

Captain.....	William V. Jefferson
Lieutenant.....	John J. Dineen
Permanent Private.....	Louis C. Avery
Permanent Private.....	Emerill B. Beucler
Permanent Private.....	Thomas M. Harrington
Permanent Private.....	Noal A. Landry
Permanent Private.....	Edward A. Malone
Permanent Private.....	Michael F. Maloney
Permanent Private.....	Thomas V. McGrath
Permanent Private.....	John P. McPherson
Permanent Private.....	Eugene L. O'Keefe
Permanent Private.....	William Quayle
Permanent Private.....	James H. Sullivan
Permanent Private.....	Edward F. Traynor

LADDER COMPANY No. 4
Junction of Garden and Sherman Streets

Captain.....	Edward J. Griffin
Lieutenant.....	Daniel A. Walsh
Permanent Private.....	Paul J. Blanchard
Permanent Private.....	Lawrence A. Bolduc
Permanent Private.....	William J. Doliber
Permanent Private.....	Joseph R. Flynn
Permanent Private.....	Matthew W. Gleason
Permanent Private.....	Warren A. Hardy
Permanent Private.....	Andrew P. Keenan
Permanent Private.....	Frank A. Lyshorn
Permanent Private.....	Michael J. Murphy
Permanent Private.....	Thomas W. Murphy
Permanent Private.....	John H. O'Leary
Permanent Private.....	Hugh P. Quinn

RESCUE COMPANY NO. 1
Broadway and Cambridge Street

Captain.....	George H. Friel
Lieutenant.....	Edward J. Tobin
Permanent Private.....	Ralph Barnes
Permanent Private.....	Frank A. Bibeau
Permanent Private.....	Edwin R. Bradshaw
Permanent Private.....	Philip J. Brownrigg
Permanent Private.....	John J. Drinan
Permanent Private.....	James H. Glennon
Permanent Private.....	John W. McCabe
Permanent Private.....	Herbert J. Shea

REPAIR DIVISION
Inman Square

Master Mechanic, rank of Captain.....	William J. Reilly
Assistant Master Mechanic, rank of Engineman.....	Hugh J. Powers
Mechanic, rank of Private.....	Earland S. Cobb
Mechanic, rank of Private.....	William F. Newman, Jr.

FIRE PREVENTION
491 Broadway

Lieutenant.....John A. Cardoso
Lieutenant.....Thomas F. O'Connor

CAUSES OF FIRES AND ALARMS

Accidents.....	63
Aiding or assisting persons.....	101
Automobiles.....	100
Bonfires.....	40
Careless smoker or workman.....	48
Careless use of lighted cigarette.....	58
Careless use of lighted match.....	29
Children playing with matches.....	19
Chimney fires (soot).....	56
Clothing, etc., near flame or stove.....	4
Curtains blowing against flame.....	1
Defective A. D. T. system.....	7
Defective sprinkler system.....	18
Defective chimneys.....	4
Defective wiring in buildings.....	12
Dump fires.....	72
False alarms.....	350
Fat or meat on stove or in oven.....	17
Fireworks, firecrackers, etc.....	10
Freight or electric cars.....	3
Fumes.....	31
Grass or brush.....	77
Hot ashes in wood box, barrel or carton.....	6
Hot electrical appliances.....	9
Incendiary.....	7
Kerosene or gas stoves, lamps, etc.....	4
Leaves in street or yard.....	25
Needless or unnecessary.....	18
Oil burners (range or power).....	54
Old trees or Christmas trees.....	11
Open or defective fireplaces.....	5
Overheated stove or smoke pipes.....	27
Rekindle.....	4
Responded outside city limits.....	104
Rubbish in street, building or yard.....	122
Salamanders.....	1
Set by boys.....	20
Shavings or sawdust.....	2
Short circuit in motor or battery.....	18
Smoke, steam or sparks mistaken for fire.....	27
Smoky stove or chimney.....	10
Sparks from chimney.....	23
Sparks from locomotive.....	3
Sparks from stove or furnace.....	4
Smoking in bed.....	12
Spontaneous combustion.....	20
Static electricity.....	7
Tar kettles.....	7
Thawing water pipes.....	2
Unknown.....	11
Wires (hurricane).....	15
Trees (hurricane).....	15
Total.....	1,733 alarms

REPORT OF SUPERINTENDENT OF BUILDINGS

Cambridge, Mass., April 10, 1939.

To His Honor the Mayor:

In accordance with the revised ordinances of this City I transmit herewith the annual report of the Building Department for the year ending December 31, 1938.

INSPECTION OF BUILDINGS

Number of applications received and permits granted . . .	789
Number of inspections of buildings	2,424
Number of violations	26

INSPECTION OF GAS FITTING

Number of applications received and permits granted . . .	1,334
Number of inspections and tests	3,608

INSPECTION OF PLUMBING

Number of applications received and permits granted . . .	588
Number of inspections and tests	1,024
Number of violations	9

INSPECTION OF ELEVATORS

Number of applications received and permits granted	19
Number of inspections and tests	781
Number of violations	72

Yours respectfully,

JOHN J. TERRY,
Superintendent of Public Buildings.

CLASSIFICATION OF STRUCTURES, 1938 (Continued)

NEW NON-RESIDENTIAL BUILDINGS	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTALS	
	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
Amusement and recreation places.....														
Churches, chapels, and parish houses.....														
Factories, bakeries, ice plants, greenhouses, laundries, and other workshops.....														
Garages, private.....	3	\$1,200	3	\$3,025	4	\$2,100	1	\$25,000	1	\$12,000	2	\$11,500	8	\$64,000
Garages, public.....							5	1,850	3	550			32	26,325
Gasoline and service stations.....	1	3,450											1	3,450
Institutional buildings.....					1	9,500			1	233,816			3	843,316
Office buildings, including banks.....			1	750,000			1	2,000					5	753,100
Public buildings, including libraries and museums.....							2	176,629					2	176,629
Public works and utilities.....														
Schools, grade and high.....													1	50
Sheds, poultry houses, and other minor outbuildings.....					1	50								
Storage warehouses, coal pockets, lumber sheds, etc.....							2	1,800	3	9,250			10	84,650
Stores, restaurants, and other mercantile buildings.....	1	15,000											5	34,100
All other non-residential.....	2	5,500	1	4,200	1	15,000			1	74,000			11	346,000
Totals.....	7	\$25,150	7	\$759,425	7	\$26,650	11	\$207,279	9	\$329,616	2	\$11,500	78	\$2,331,620

NEW RESIDENTIAL BUILDINGS 1938	JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTALS		
	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for
Housekeeping dwellings (one family)	1	\$5,000	1				1	\$30,000	1	2	\$10,800	2	\$5,000	1					9	\$71,100	
Two-family dwellings	1	7,500	2																3	21,500	
Multi-family dwellings (three or more families) Non-housekeeping dwellings (lodging houses) . .																			3	153,000	
Total new residential buildings	2	\$12,500	3				1	\$30,000	1	2	\$10,800	2	\$5,000	1					15	\$245,600	71

CLASSIFICATION OF STRUCTURES, 1938 (Continued)

ADDITIONS, ALTERATIONS AND REPAIRS, 1938	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
On residential buildings:												
Housekeeping dwellings, all kinds.....	14	\$5,014	21	\$8,170	38	\$16,887	44	\$22,783	36	\$32,579	36	\$27,095
On non-residential buildings	10	17,315	16	11,865	16	40,040	10	11,930	16	40,287	24	33,045
Total additions, alterations and repairs	24	\$22,329	37	\$20,035	54	\$56,927	54	\$34,713	52	\$72,866	60	\$60,140

ADDITIONS, ALTERATIONS AND REPAIRS 1938	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTALS	
	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
On residential buildings:														
Housekeeping dwellings, all kinds.....	31	\$14,050	29	\$10,036	38	\$16,765	27	\$14,888	22	\$13,112	12	\$3,467	348	\$184,846
On non-residential buildings.....	20	67,710	24	138,735	18	14,730	29	25,893	20	32,093	19	14,310	222	447,953
Total additions, alterations and repairs.....	51	\$81,760	53	\$148,771	56	\$31,495	56	\$40,781	42	\$45,205	31	\$17,777	570	\$632,799

REPORT OF THE PLANNING BOARD

For the Year Ending December 31, 1938

The Planning Board, in addition to its other duties, is required by Chapter 269 of the Acts of 1933 to give a public hearing and submit recommendations to the Council in all cases of application for change of zoning.

Membership: Jeremiah F. Downey, Chairman, term expired 1938, but continued to serve throughout the year. Charles W. Killam, Secretary, term expires 1940. George L. Dow, term expires 1939. Bremer W. Pond, term expired 1936, but continued to serve until November 22, 1938, when John F. Ferrick was appointed in his place to serve until 1941. Arthur F. Grenier, term expires 1942.

The Board held two public hearings on zoning changes and nine other meetings, and was also represented at legislative hearings and at conferences with city officials on WPA projects and other matters.

The hearings on zoning changes were as follows:

January 28. William F. McAnirlin, change corner of Craigie Street and Concord Avenue from R-3 and R-4 to R-2. Board voted to recommend that the petition be denied. Council gave leave to withdraw.

April 26. Hilda L. Olson, change of No. 1 Arsenal Square from R-4 to R-3. Board voted to recommend that petition be denied. Council gave leave to withdraw.

The Board met with owners of the property on both sides of Wadsworth Street in an attempt to widen the street before the building for Lever Brothers was started, but without success.

In the latter part of the year the Metropolitan District Commission commenced the construction of a traffic circle and overpass at the Cambridge end of the Cottage Farm Bridge. The Board appeared before the Commission and urged the widening of Memorial Drive adjacent to Vassar and Magazine Streets to make it easier for traffic to enter and leave these streets. We also urged that commercial vehicles in addition to those of Jordan, Marsh Co. be allowed to use Memorial Drive for the short distance from Vassar Street to the new traffic circle. Both requests were refused by the Metropolitan District Commission.

At the request of Mayor Lyons the Board investigated the subject of parking in the Central Square district. With the coöperation of Messrs. Paul Corcoran, Edwin Sage and John Campbell the Board handed in a twenty-one page report recommending public parking spaces in the district.

During the year the Board commenced the study of the problem raised by the proposal to build two small houses in front of an existing house on a large lot on Highland Street. The problem is one which is common to some other streets in Cambridge where large houses on large lots have lost value but where the remaining property in the neighborhood must be protected from undue depreciation by the building of houses unfitted to the neighborhood. At the end of the year the Board was studying a provision for a new zone fixing minimum sizes for lots to meet this problem.

Respectfully submitted,

JEREMIAH F. DOWNEY, *Chairman.*

REPORT OF BOARD OF APPEAL

Cambridge, Mass., July 18, 1939.

To His Honor the Mayor:

In accordance with the provisions of the Zoning Law and Building Code, the Board of Appeal herewith submits its report for the year ending December 31, 1938.

The Board held sixteen public hearings and has had presented for its consideration eighty-seven cases. These cases may be classified as follows:

Cases involving new buildings.....	24
Cases involving alterations to existing buildings.....	27
Cases involving additions to existing buildings.....	9
Cases involving occupation of existing buildings.....	16
Cases involving use of premises only.....	11
Total.....	<u>87</u>

In the above mentioned cases modifications of the Zoning Law and Building Code were sought under the following:

Rear yards.....	5
Set-backs.....	5
Side yard.....	1
Type of construction.....	26
Occupancy and use.....	3
Use of premises.....	8
Business buildings and signs in residential districts.....	36
Garage for more than two cars.....	1
Height.....	2
Total.....	<u>87</u>

A summary of the decisions rendered by the Board on the above cases is as follows:

Granted.....	59
Denied.....	21
Withdrawn.....	7
Total.....	<u>87</u>

Again the Board recommends the wisdom of periodic rezoning. There is a need at this time of a new survey of the zoning situation, and also the city should have a new Building Code. In such a study for the new Building Code and Zoning Ordinance, there should be included the following considerations:

Specific treatment for subdivision of land, especially with

relation to actual frontage on the street or right of way fulfilling necessary qualifications to be accepted as a public street. In this connection, the Planning Board of the city might be of great assistance, provided the City Council accepts the provisions of Section 81, Acts of 1936, which would permit the Planning Board to make regulations for and supervise the subdivision of the land.

Review of modern building materials and methods of construction, allowing their use especially with relation to low cost housing. One of the many instances is the allowance by the Board of the use of third class construction in the erection of new two-story four-apartment houses. The study should include the extent to which this third class two-story apartment house construction may be permitted, if at all. The stairway requirements of the Building Code might be retained in such a situation, and the outside walls, some interior partitions and floors, etc., might be completely nogged and stopped with Rockwool bats. The interior walls and ceilings generally would probably be protected with metal lath and hard plaster. The external wall covering and roof should be of incombustible material.

The new Zone 5, recently adopted, is an example of an amendment to the Ordinance that might have been included with many other possible changes in the event of a new study and survey of the entire zoning problem at this time. The Board did not go on record, either favorably or unfavorably, in the matter of consideration of the adoption of the new Zone 5, which in general restricts an area to only single family dwelling houses and private garage on certain size lots with minimum depth of yards and setbacks. The Board was of the opinion that such a zone may have been needed and also the application thereof to particular areas; nevertheless it might better have been a part of a more complete study and survey of the entire zoning situation.

Respectfully submitted,

PARKER F. SOULE, *Chairman*,
JAMES J. WALSH,
WILLIAM LAWRENCE GALVIN.

ANNUAL REPORT
OF THE
Cambridge Retirement Board
January 1, 1938 to December 31, 1938

To His Honor, Mayor John W. Lyons:

Pursuant to the provisions of Chapter 453, section 14 (6) Legislative Acts of 1931, the Cambridge Retirement Board submits its annual report for the period beginning January 1, 1938 and ending December 31, 1938.

Annuity Reserve Fund

	Cash	Savings Deposits	Total
On hand January 1, 1938.....	\$52 61	\$7,710 83	\$7,763 44
n hand December 31, 1938.....	23 29	7,831 90	7,855 19
Receipts			
From Annuity Savings Fund.....	\$1,271 07	Annuities.....	\$1,179 32
Earnings: Interest on deposit.....	130 05	To earnings, Annuity Savings Fund.....	130 05
Withdrawn from Savings Deposit.....	1,150 00	Added to Savings Deposit.....	1,271 07
Cash on hand January 1, 1938.....	52 61	Cash on hand December 31, 1938.....	23 29
Total.....	\$2,603 73	Total.....	\$2,603 73

Pension Accumulation Fund

	Cash	Savings Deposits	Securities Book Value	Total
On hand January 1, 1938.....	\$87 07	\$15,118 43	\$103,801 17	\$119,006 67
On hand December 31, 1938.....	387 86	52,490 98	103,715 72	156,594 56
Receipts				
Contributions:				
City.....	\$34,826 30			
School Department.....	17,824 17			
Water Department.....	2,843 53			
Earnings:	\$55,494 00			
Interest on investments.....				
Adjustments:				
To premiums, securities purchased.....	133 20			
Withdrawn from savings deposits.....	5,463 98			
	23,537 68			
Cash on hand January 1, 1938.....	87 07			
Total.....	\$84,582 73			
Payments				
Pensions.....				\$22,799 21
Adjustments:				
Earnings to Annuity Savings Fund.....			\$437 68	
Discount, securities purchased to earnings.....			47 75	
				485 43
Added to savings deposits.....				60,910 23
Cash on hand December 31, 1938.....				387 86
Total.....				\$84,582 73

The funds of the System are invested as follows:

ANNUITY SAVINGS FUND

Savings Deposit:

Cambridge Savings Bank..... \$50,602 34

Securities, par value:

Boston and Albany Railroad	5's	Oct. 1963	\$5,000 00	
City of Boston, Mass.	4½'s	Oct. 1963	25,000 00	
Boston Elevated Railway	4½'s	Nov. 1941	3,000 00	
Boston Elevated Railway	5's	Dec. 1942	6,000 00	
City of Cambridge, Mass.	4's	June 1945-50	6,000 00	
Cleveland Terminal and Valley Railroad	4's	Nov. 1995	5,000 00	
Louisville and Nashville Railroad	3¾'s	Apr. 2003	10,000 00	
New York State Electric and Gas	4's	Aug. 1965	5,000 00	
Old Colony Railroad	5's	Dec. 1945	5,000 00	
Peoples' Gas Light and Coke	4's	June 1961	15,000 00	
Pere Marquette Railroad	4's	July 1956	15,000 00	
Southern California Edison	3¾'s	May 1960	5,000 00	
Springfield City Water	4's	Apr. 1956	5,000 00	
West End Street Railway	5's	Mar. 1944	4,000 00	
West Virginia and Pittsburg Railroad	4's	Apr. 1990	5,000 00	
Wisconsin Power and Light	4's	June 1966	10,000 00	
			<hr/>	129,000 00

\$179,602 34

PENSION ACCUMULATION FUND

Savings Deposit:

Cambridgeport Savings Bank..... \$52,490 98

Securities, par value:

Armour and Company	4's	Aug. 1955	\$6,000 00	
Boston and Albany Railroad	4¼'s	Aug. 1978	5,000 00	
Boston and Albany Railroad	4½'s	Apr. 1943	5,000 00	
Boston and Albany Railroad	5's	Oct. 1963	10,000 00	
City of Boston, Mass.	4's	Oct. 1957	2,000 00	
City of Cambridge, Mass.	4's	Jan. 1941-42	1,000 00	
City of Cambridge, Mass.	4's	June 1951-52	2,000 00	
Lowell Gas Light Co.	4½'s	Mar. 1966	10,000 00	
Marion Reserve Power	4½'s	Apr. 1952	20,000 00	
City of New Bedford, Mass.	4's	Apr. 1955	5,000 00	
Pennsylvania Electric Company	5's	Apr. 1962	20,000 00	
West End Street Railway	5's	Mar. 1944	10,000 00	
West End Street Railway	7's	Sept. 1947	5,000 00	
			<hr/>	101,000 00

153,490 98

ANNUITY RESERVE FUND

Savings Deposit:

Cambridgeport Savings Bank..... 7,831 90

\$340,925 22

ADMINISTRATION EXPENSES

Accountant.....	\$1,752 00
Actuary.....	500 00
Premiums on surety bonds.....	172 40
Printing.....	78 00
Rent of safety deposit boxes.....	30 00
Office supplies.....	30 40
	<hr/>
	\$2,562 80
	<hr/>

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES
OF BENEFICIARIES

December 31, 1938

	<i>Superannuation Retirements</i>			<i>Disability Retirements</i>		
	<i>No.</i>	<i>Annuities</i>	<i>Pensions</i>	<i>No.</i>	<i>Annuities</i>	<i>Pensions</i>
General Employees:						
Men.....	10	\$515 76	\$7,484 91	2	\$78 85	\$1,805 37
Women.....	12	297 67	6,447 51	1	15 30	538 61
School Department						
Employees:						
Men.....	5	161 58	3,778 61	.	.....	.....
Women.....	2	59 55	470 47	.	.....	.....
Water Department						
Employees:						
Men.....	2	69 22	2,089 11	.	.....	.....
Women.....	1	23 20	863 16	.	.....	.....
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	32	\$1,126 98	\$21,133 77	3	\$94 15	\$2,343 98

<i>Name</i>	<i>Department</i>	<i>Annuity</i>	<i>Pension</i>	<i>Total</i>
Mary A. L. Forrest	Clerk of Committees	\$15 30	\$538 61	\$553 91
Margaret A. Connelly	Auditing	31 60	448 40	480 00
William J. Hopkins	Treasury	11 69	468 31	480 00
Carrie A. Estes	Assessors	6 77	482 49	489 26
Adah N. Bowles	License Commission	39 51	806 00	845 51
Harry A. Penniman	Election Commission	120 99	359 01	480 00
William A. Ford	Building	22 19	770 90	793 09
James J. Geary	Building	23 38	661 37	684 75
Mary E. Mannix	Building	4 51	475 49	480 00
Mary A. O'Hearn	Police	21 54	458 46	480 00
John O'Hearn	Electrical	66 40	558 28	624 68
Timothy F. McCarthy	Sewer	13 60	607 11	620 71
Thomas W. Doyle	Street	55 47	1,144 00	1,199 47
John B. Lever	Street	37 27	920 12	957 39
George R. McGinnis	Street	78 95	670 10	749 05
Catherine T. Patten	City Hospital	10 76	469 24	480 00
Samuel F. Norris	Public Welfare	48 57	990 39	1,038 96
Addie M. Benson	Public Welfare	41 88	789 20	831 08
William G. Brousseau	City Physician	24 46	1,114 47	1,138 93
Margaret Gould	Welfare — Infirmary	16 94	463 06	480 00
Helena T. Curtis	Library	49 88	430 12	480 00
Caira D. Hawkes	Library	40 29	439 71	480 00
Harriet D. Lochman	Library	16 12	723 21	739 33
Annie Z. Miller	Library	17 87	462 13	480 00
John B. Kelleher	Park	91 64	1,026 22	1,117 86
Henry P. Brown	School	10 74	579 38	590 12

<i>Name</i>	<i>Department</i>	<i>Annuity</i>	<i>Pension</i>	<i>Total</i>
William J. Cogan	School	\$64 74	\$1,085 26	\$1,150 00
David D. Mahoney	School	14 60	831 43	846 03
John J. Roach	School	20 82	853 22	874 04
Cornelius F. Sullivan	School	50 68	429 32	480 00
Ellen Downing	School	28 44	451 56	480 00
Mary E. O'Connell	School	31 11	18 91	50 02
Harry L. Lincoln	Water	9 95	1,668 38	1,678 33
Jeremiah M. Nolan	Water	59 27	420 73	480 00
Hattie F. Milligan	Water	23 20	863 16	886 36
		<hr/>	<hr/>	<hr/>
		\$1,221 13	\$23,477 75	\$24,698 88

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF GENERAL MEMBERS ELIGIBLE FOR PRIOR SERVICE CREDIT**

December 31, 1938

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1869	2	\$3,900 00	..	.....	2	\$3,900 00
1870	1	3,120 00	2	\$2,652 00	3	5,772 00
1871	2	3,668 00	..	.....	2	3,668 00
1872	3	7,020 00	4	6,448 00	7	13,468 00
1873	5	10,094 00	..	.....	5	10,094 00
1874	4	11,134 00	1	1,144 00	5	12,278 00
1875	2	6,140 00	1	1,664 00	3	7,804 00
1876	1	2,184 00	2	1,744 00	3	3,928 00
1877	3	8,904 00	3	3,952 00	6	12,856 00
1878	5	13,334 00	3	3,744 00	8	17,078 00
1879	3	8,576 00	5	6,604 00	8	15,180 00
1880	3	6,554 00	2	2,376 00	5	8,930 00
1881	6	18,452 00	3	3,720 00	9	22,172 00
1882	4	8,964 00	..	.....	4	8,964 00
1883	2	5,304 00	2	3,632 00	4	8,936 00
1884	2	7,300 00	3	2,716 00	5	10,016 00
1885	2	4,836 00	2	3,120 00	4	7,956 00
1886	3	7,696 00	4	4,060 00	7	11,756 00
1887	1	3,300 00	4	6,456 00	5	9,756 00
1888	4	11,416 00	5	7,872 00	9	19,288 00
1889	1	1,140 00	3	5,680 00	4	6,820 00
1890	..	.....	3	5,096 00	3	5,096 00
1891	1	4,600 00	1	1,716 00	2	6,316 00
1892	1	3,120 00	2	3,216 00	3	6,336 00
1893	..	.....	2	2,340 00	2	2,340 00
1894	1	2,652 00	1	1,508 00	2	4,160 00
1895	1	2,418 00	2	3,432 00	3	5,850 00
1896	1	2,080 00	5	6,656 00	6	8,736 00
1897	..	.....	2	2,908 00	2	2,908 00
1898	2	5,070 00	..	.....	2	5,070 00
1899	2	3,824 00	4	6,292 00	6	10,116 00
1900	3	6,028 00	2	2,400 00	5	8,428 00
1902	3	6,292 00	4	5,300 00	7	11,592 00
1903	1	2,444 00	3	4,528 00	4	6,972 00
1904	..	.....	2	2,864 00	2	2,864 00
1905	3	6,084 00	5	7,644 00	8	13,728 00
1906	4	7,380 00	2	1,760 00	6	9,140 00
1907	2	4,940 00	2	2,916 00	4	7,856 00
1908	..	.....	3	4,420 00	3	4,420 00
1909	1	1,560 00	5	6,628 00	6	8,188 00
1910	..	.....	2	2,288 00	2	2,288 00
1911	..	.....	3	2,984 00	3	2,984 00
1912	..	.....	1	1,404 00	1	1,404 00
1914	1	1,144 00	..	.....	1	1,144 00
	86	\$212,672 00	105	\$145,884 00	191	\$358,556 00

DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF SCHOOL DEPARTMENT MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1868	1	\$2,300 00	1	\$1,716 00	2	\$4,016 00
1869	..	.....	1	1,040 00	1	1,040 00
1870	..	.....	1	1,040 00	1	1,040 00
1871	2	5,221 58	..	.....	2	5,221 58
1872	..	.....	1	1,100 00	1	1,100 00
1873	1	2,533 80	1	1,100 00	2	3,633 80
1874	..	.....	1	1,040 00	1	1,040 00
1875	..	.....	2	2,080 00	2	2,080 00
1877	..	.....	2	2,080 00	2	2,080 00
1878	1	2,300 00	..	.....	1	2,300 00
1879	2	6,283 37	3	3,240 00	5	9,523 37
1880	2	4,484 00	1	1,100 00	3	5,584 00
1882	..	.....	4	4,280 00	4	4,280 00
1883	..	.....	1	1,716 00	1	1,716 00
1887	..	.....	2	2,140 00	2	2,140 00
1889	..	.....	1	1,040 00	1	1,040 00
1890	..	.....	1	1,100 00	1	1,100 00
1892	1	1,820 00	..	.....	1	1,820 00
1893	..	.....	1	1,716 00	1	1,716 00
1895	..	.....	1	1,716 00	1	1,716 00
1898	..	.....	1	1,716 00	1	1,716 00
1899	1	2,600 00	2	3,432 00	3	6,032 00
1900	1	2,900 00	..	.....	1	2,900 00
1903	..	.....	1	1,716 00	1	1,716 00
1904	..	.....	1	1,716 00	1	1,716 00
1906	1	1,820 00	..	.....	1	1,820 00
1907	..	.....	1	1,716 00	1	1,716 00
1908	..	.....	1	1,716 00	1	1,716 00
1909	1	2,184 00	..	.....	1	2,184 00
14		\$34,446 75	32	\$41,256 00	46	\$75,702 75

DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF WATER DEPARTMENT MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1871	2	\$4,450 00	..	.....	2	\$4,450 00
1872	2	7,200 00	..	.....	2	7,200 00
1874	2	4,612 00	..	.....	2	4,612 00
1875	..	.....	1	\$1,716 00	1	1,716 00
1876	2	6,320 00	..	.....	2	6,320 00
1879	1	2,200 00	..	.....	1	2,200 00
1881	2	5,328 00	..	.....	2	5,328 00
1887	..	.....	1	1,716 00	1	1,716 00
1902	1	2,750 00	..	.....	1	2,750 00
12		\$32,860 00	2	\$3,432 00	14	\$36,292 00

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF GENERAL MEMBERS NOT ELIGIBLE FOR PRIOR SERVICE CREDIT**

December 31, 1938

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1869	1	\$2,496 00	..	.....	1	\$2,496 00
1870	1	1,560 00	..	.....	1	1,560 00
1872	..	.....	1	\$600 00	1	600 00
1873	1	1,716 00	..	.....	1	1,716 00
1874	1	1,560 00	..	.....	1	1,560 00
1875	1	1,820 00	1	650 00	2	2,470 00
1876	1	1,500 00	..	.....	1	1,500 00
1877	1	1,560 00	1	650 00	2	2,210 00
1878	2	3,120 00	1	600 00	3	3,720 00
1879	..	.....	1	1,144 00	1	1,144 00
1880	..	.....	1	1,144 00	1	1,144 00
1881	2	3,120 00	2	2,316 00	4	5,436 00
1882	1	1,560 00	1	520 00	2	2,080 00
1883	3	4,420 00	1	546 00	4	4,966 00
1884	5	8,840 00	1	650 00	6	9,490 00
1885	6	8,434 00	2	1,250 00	8	9,684 00
1886	1	2,106 00	1	1,118 00	2	3,224 00
1887	1	520 00	2	1,120 00	3	1,640 00
1888	6	10,452 00	2	1,164 00	8	11,616 00
1889	2	3,120 00	..	.....	2	3,120 00
1890	5	10,478 00	2	1,864 00	7	12,342 00
1891	2	3,536 00	1	540 00	3	4,076 00
1892	3	4,992 00	2	1,580 00	5	6,572 00
1893	2	2,834 00	4	3,760 00	6	6,594 00
1894	1	1,560 00	4	4,352 00	5	5,912 00
1895	1	1,600 00	4	4,024 00	5	5,624 00
1896	1	1,140 00	2	1,740 00	3	2,880 00
1897	1	1,560 00	3	3,528 00	4	5,088 00
1898	2	4,316 00	2	1,900 00	4	6,216 00
1899	3	4,680 00	5	4,806 00	8	9,486 00
1900	2	3,432 00	..	.....	2	3,432 00
1901	5	7,770 00	3	3,512 00	8	11,282 00
1902	3	5,798 00	..	.....	3	5,798 00
1903	2	3,666 00	3	3,008 00	5	6,674 00
1904	3	6,240 00	4	4,576 00	7	10,816 00
1905	2	3,120 00	3	3,484 00	5	6,604 00
1906	3	4,758 00	1	1,500 00	4	6,258 00
1907	6	12,216 00	1	1,200 00	7	13,416 00
1908	3	5,096 00	9	9,240 00	12	14,336 00
1909	4	6,240 00	2	1,810 00	6	8,050 00
1910	1	1,560 00	1	600 00	2	2,160 00
1911	1	1,560 00	4	4,820 00	5	6,380 00
1912	3	4,212 00	5	5,540 00	8	9,752 00
1913	1	1,560 00	8	8,372 00	9	9,932 00
1914	..	.....	5	6,188 00	5	6,188 00
1915	..	.....	5	5,304 00	5	5,304 00
1916	..	.....	2	2,780 00	2	2,780 00
1919	..	.....	1	936 00	1	936 00
	<hr/> 96	<hr/> \$161,828 00	<hr/> 104	<hr/> \$104,436 00	<hr/> 200	<hr/> \$266,264 00

DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF SCHOOL DEPARTMENT MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1885	1	\$2,080 00	..	.....	1	\$2,080 00
1886	..	.....	1	\$1,040 00	1	1,040 00
1891	1	2,080 00	..	.....	1	2,080 00
1899	3	6,680 88	..	.....	3	6,680 88
1903	1	2,080 00	..	.....	1	2,080 00
1908	1	2,080 00	..	.....	1	2,080 00
	<hr/> 7	<hr/> \$15,000 88	<hr/> 1	<hr/> \$1,040 00	<hr/> 8	<hr/> \$16,040 88

DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF WATER DEPARTMENT MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1887	1	\$1,664 00	..	.....	1	\$1,664 00
1898	1	1,820 00	1	\$1,456 00	2	3,276 00
1901	1	1,872 00	..	.....	1	1,872 00
1905	1	1,820 00	..	.....	1	1,820 00
1907	1	1,560 00	..	.....	1	1,560 00
1911	1	1,820 00	..	.....	1	1,820 00
	<hr/> 6	<hr/> \$10,556 00	<hr/> 1	<hr/> \$1,456 00	<hr/> 7	<hr/> \$12,012 00

DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF FIRE DEPARTMENT MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1887	1	\$2,190 00	..	.....	1	\$2,190 00
1899	1	2,190 00	..	.....	1	2,190 00
1901	1	2,190 00	..	.....	1	2,190 00
1902	3	6,570 00	..	.....	3	6,570 00
1903	1	1,982 50	..	.....	1	1,982 50
1904	3	6,155 00	..	.....	3	6,155 00
1905	2	4,172 50	..	.....	2	4,172 50
1906	4	8,552 50	..	.....	4	8,552 50
1907	4	8,760 00	..	.....	4	8,760 00
1908	3	6,362 50	..	.....	3	6,362 50
1909	3	6,570 00	..	.....	3	6,570 00
1910	2	4,172 50	..	.....	2	4,172 50
1911	1	1,982 50	..	.....	1	1,982 50
1913	1	1,982 50	..	.....	1	1,982 50
1914	1	1,982 50	..	.....	1	1,982 50
	<hr/> 31	<hr/> \$65,815 00	<hr/> ..	<hr/>	<hr/> 31	<hr/> \$65,815 00

DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF POLICE DEPARTMENT MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1900	1	\$2,190 00	..	.....	1	\$2,190 00
1901	2	3,965 00	..	.....	2	3,965 00
1902	3	6,155 00	..	.....	3	6,155 00
1903	2	4,172 50	..	.....	2	4,172 50
1904	1	2,190 00	..	.....	1	2,190 00
1905	1	1,982 50	..	.....	1	1,982 50
1906	3	6,155 00	..	.....	3	6,155 00
1907	6	12,310 00	..	.....	6	12,310 00
1908	2	4,172 50	..	.....	2	4,172 50
1909	1	1,982 50	..	.....	1	1,982 50
1910	2	4,172 50	..	.....	2	4,172 50
1911	1	1,982 50	..	.....	1	1,982 50
	<hr/>		<hr/>		<hr/>	
	25	\$51,430 00	..	.....	25	\$51,430 00

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF GENERAL MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>			<i>Annual</i>		<i>Annual</i>		<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>
7	1	..	.....	3	\$2,100 00	3	\$2,100 00
7	2	..	.....	4	5,412 00	4	5,412 00
7	4	..	.....	1	1,200 00	1	1,200 00
7	5	2	\$3,588 00	..	.....	2	3,588 00
7	6	1	2,600 00	1	1,200 00	2	3,800 00
7	7	..	.....	1	960 00	1	960 00
7	8	..	.....	4	3,456 00	4	3,456 00
7	11	..	.....	3	2,704 00	3	2,704 00
8	..	..	.....	1	1,664 00	1	1,664 00
8	4	1	1,924 00	1	1,248 00	2	3,172 00
8	6	..	.....	2	2,548 00	2	2,548 00
8	8	..	.....	2	1,980 00	2	1,980 00
8	9	..	.....	1	1,404 00	1	1,404 00
9	..	..	.....	2	2,964 00	2	2,964 00
9	1	..	.....	1	660 00	1	660 00
9	2	1	1,924 00	1	1,404 00	2	3,328 00
9	3	1	1,768 00	..	.....	1	1,768 00
9	5	1	1,872 00	..	.....	1	1,872 00
9	6	..	.....	2	2,860 00	2	2,860 00
9	7	..	.....	1	1,820 00	1	1,820 00
9	8	..	.....	3	2,860 00	3	2,860 00
9	9	..	.....	1	1,508 00	1	1,508 00
9	10	1	2,236 00	1	1,200 00	2	3,436 00
10	..	..	.....	1	1,508 00	1	1,508 00
10	1	1	1,560 00	1	1,500 00	2	3,060 00
10	2	..	.....	1	1,716 00	1	1,716 00
10	3	1	1,144 00	1	660 00	2	1,804 00
10	5	..	.....	1	1,404 00	1	1,404 00
10	6	..	.....	2	2,652 00	2	2,652 00
10	9	..	.....	1	1,300 00	1	1,300 00
11	1	1	2,288 00	..	.....	1	2,288 00
11	2	..	.....	1	800 00	1	800 00
11	3	..	.....	1	1,508 00	1	1,508 00
11	4	..	.....	1	720 00	1	720 00
11	5	1	1,900 00	1	1,716 00	2	3,616 00
11	6	1	2,444 00	..	.....	1	2,444 00
11	8	1	1,140 00	1	1,404 00	2	2,544 00
11	10	1	1,140 00	..	.....	1	1,140 00
12	1	1	1,140 00	..	.....	1	1,140 00
12	3	..	.....	1	1,456 00	1	1,456 00
12	4	2	4,084 00	1	884 00	3	4,968 00
12	6	..	.....	1	1,716 00	1	1,716 00
12	7	..	.....	1	1,716 00	1	1,716 00
13	4	..	.....	1	1,716 00	1	1,716 00
13	5	1	2,470 00	..	.....	1	2,470 00
13	6	1	2,340 00	3	4,712 00	4	7,052 00
13	7	1	2,080 00	2	2,600 00	3	4,680 00
13	11	..	.....	1	600 00	1	600 00
14	..	1	4,300 00	..	.....	1	4,300 00
14	1	1	1,900 00	..	.....	1	1,900 00
14	2	1	2,340 00	..	.....	1	2,340 00

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>			<i>Annual</i>		<i>Annual</i>		<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>
14	5	1	\$1,924 00	1	\$1,716 00	2	\$3,640 00
14	6	1	2,340 00	1	1,144 00	2	3,484 00
14	7	1	2,392 00	..	.....	1	2,392 00
14	9	..	.....	1	1,508 00	1	1,508 00
14	10	..	.....	1	884 00	1	884 00
15	3	..	.....	1	1,508 00	1	1,508 00
15	8	2	7,200 00	1	1,500 00	3	8,700 00
15	9	..	.....	2	3,016 00	2	3,016 00
16	1	1	2,080 00	..	.....	1	2,080 00
16	9	..	.....	1	1,716 00	1	1,716 00
16	11	..	.....	1	1,716 00	1	1,716 00
17	..	..	.....	1	1,612 00	1	1,612 00
17	1	..	.....	1	1,664 00	1	1,664 00
17	2	..	.....	1	1,612 00	1	1,612 00
17	6	..	.....	2	3,172 00	2	3,172 00
18	..	1	2,652 00	..	.....	1	2,652 00
18	1	1	2,418 00	..	.....	1	2,418 00
18	4	..	.....	1	1,716 00	1	1,716 00
18	8	1	2,080 00	1	1,144 00	2	3,224 00
18	11	..	.....	1	1,716 00	1	1,716 00
19	8	..	.....	1	1,404 00	1	1,404 00
19	9	..	.....	1	1,300 00	1	1,300 00
20	4	..	.....	1	1,700 00	1	1,700 00
20	6	1	2,548 00	..	.....	1	2,548 00
20	7	1	1,900 00	..	.....	1	1,900 00
20	8	1	2,200 00	..	.....	1	2,200 00
20	10	..	.....	1	2,300 00	1	2,300 00
20	11	1	2,340 00	1	1,320 00	2	3,660 00
21	..	1	3,120 00	..	.....	1	3,120 00
21	1	..	.....	1	1,620 00	1	1,620 00
21	4	1	1,900 00	..	.....	1	1,900 00
21	5	..	.....	1	1,716 00	1	1,716 00
21	7	..	.....	1	1,716 00	1	1,716 00
21	8	1	2,184 00	..	.....	1	2,184 00
22	1	..	.....	1	1,716 00	1	1,716 00
22	2	1	2,054 00	..	.....	1	2,054 00
22	4	..	.....	1	1,508 00	1	1,508 00
22	11	1	2,184 00	..	.....	1	2,184 00
23	..	..	.....	1	1,612 00	1	1,612 00
23	9	1	2,000 00	1	1,664 00	2	3,664 00
24	..	..	.....	1	1,716 00	1	1,716 00
24	2	1	3,300 00	..	.....	1	3,300 00
24	3	1	2,652 00	..	.....	1	2,652 00
24	4	..	.....	1	1,716 00	1	1,716 00
24	9	..	.....	1	1,716 00	1	1,716 00
24	10	1	3,300 00	..	.....	1	3,300 00
25	1	1	3,800 00	..	.....	1	3,800 00
25	5	..	.....	1	1,716 00	1	1,716 00
25	7	1	2,340 00	..	.....	1	2,340 00
25	9	1	2,600 00	..	.....	1	2,600 00
26	3	..	.....	1	1,664 00	1	1,664 00
26	4	1	2,340 00	..	.....	1	2,340 00
26	9	..	.....	1	1,404 00	1	1,404 00
27	..	1	2,184 00	..	.....	1	2,184 00
27	1	1	2,392 00	..	.....	1	2,392 00
27	3	..	.....	1	1,716 00	1	1,716 00

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>			<i>Annual</i>		<i>Annual</i>		<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>
27	5	1	\$2,652 00	1	\$1,664 00	2	\$4,316 00
27	6	1	2,184 00	..	.....	1	2,184 00
27	7	2	5,384 00	..	.....	2	5,384 00
27	8	1	1,900 00	..	.....	1	1,900 00
27	10	..	.....	1	1,716 00	1	1,716 00
28	..	3	8,490 00	..	.....	3	8,490 00
28	1	1	4,000 00	..	.....	1	4,000 00
28	8	..	.....	1	1,716 00	1	1,716 00
29	1	1	1,900 00	..	.....	1	1,900 00
29	5	1	4,700 00	..	.....	1	4,700 00
29	6	1	2,860 00	..	.....	1	2,860 00
29	8	1	2,496 00	..	.....	1	2,496 00
30	1	2	4,370 00	..	.....	2	4,370 00
30	4	1	4,800 00	..	.....	1	4,800 00
30	8	1	1,900 00	..	.....	1	1,900 00
30	9	1	3,300 00	..	.....	1	3,300 00
31	1	..	.....	1	1,716 00	1	1,716 00
31	6	1	2,340 00	..	.....	1	2,340 00
32	2	1	2,100 00	..	.....	1	2,100 00
32	3	1	2,340 00	..	.....	1	2,340 00
32	7	1	2,100 00	..	.....	1	2,100 00
32	8	..	.....	1	1,716 00	1	1,716 00
33	1	1	2,470 00	..	.....	1	2,470 00
33	6	1	1,900 00	..	.....	1	1,900 00
34	6	1	3,016 00	1	1,716 00	2	4,732 00
35	1	1	2,054 00	..	.....	1	2,054 00
35	8	2	7,370 00	..	.....	2	7,370 00
35	9	1	2,054 00	..	.....	1	2,054 00
36	4	..	.....	1	1,916 00	1	1,916 00
36	6	..	.....	1	1,716 00	1	1,716 00
36	11	1	2,652 00	..	.....	1	2,652 00
38	5	1	2,652 00	..	.....	1	2,652 00
39	6	1	2,652 00	..	.....	1	2,652 00
42	9	1	2,730 00	..	.....	1	2,730 00
43	8	1	4,700 00	..	.....	1	4,700 00
		86	\$212,672 00	105	\$145,884 00	191	\$358,556 00

**DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF SCHOOL DEPARTMENT MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT**

December 31, 1938

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>			<i>Annual</i>		<i>Annual</i>		<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>
7	5	1	\$1,820 00	..	.....	1	\$1,820 00
7	11	1	2,184 00	..	.....	1	2,184 00
8	5	1	1,820 00	..	.....	1	1,820 00
8	11	..	.....	1	\$1,040 00	1	1,040 00
9	5	..	.....	1	1,040 00	1	1,040 00
9	9	..	.....	1	1,100 00	1	1,100 00
9	10	..	.....	1	1,100 00	1	1,100 00
10	4	..	.....	1	1,040 00	1	1,040 00
10	7	..	.....	2	2,756 00	2	2,756 00
10	9	..	.....	1	1,100 00	1	1,100 00
11	6	..	.....	1	1,100 00	1	1,100 00
11	7	1	2,600 00	2	2,200 00	3	4,800 00
11	8	..	.....	2	2,200 00	2	2,200 00
12	3	..	.....	1	1,100 00	1	1,100 00
12	6	..	.....	1	1,716 00	1	1,716 00
12	7	..	.....	1	1,716 00	1	1,716 00
12	9	..	.....	1	1,716 00	1	1,716 00
13	6	..	.....	1	1,040 00	1	1,040 00
13	10	..	.....	1	1,040 00	1	1,040 00
14	1	..	.....	1	1,040 00	1	1,040 00
15	7	..	.....	1	1,040 00	1	1,040 00
16	..	..	.....	1	1,716 00	1	1,716 00
16	1	..	.....	1	1,040 00	1	1,040 00
18	2	..	.....	1	1,716 00	1	1,716 00
18	8	..	.....	1	1,716 00	1	1,716 00
18	10	..	.....	1	1,716 00	1	1,716 00
18	11	..	.....	1	1,716 00	1	1,716 00
19	5	..	.....	1	1,716 00	1	1,716 00
20	7	1	2,900 00	..	.....	1	2,900 00
21	11	..	.....	1	1,040 00	1	1,040 00
22	2	..	.....	1	1,040 00	1	1,040 00
22	9	..	.....	1	1,040 00	1	1,040 00
23	8	1	2,300 00	..	.....	1	2,300 00
25	3	1	2,300 00	..	.....	1	2,300 00
29	8	1	3,141 58	..	.....	1	3,141 58
30	5	1	2,184 00	..	.....	1	2,184 00
30	7	1	3,750 00	..	.....	1	3,750 00
31	6	..	.....	1	1,716 00	1	1,716 00
33	3	1	2,533 80	..	.....	1	2,533 80
35	1	1	2,080 00	..	.....	1	2,080 00
36	3	1	2,300 00	..	.....	1	2,300 00
39	1	1	2,533 37	..	.....	1	2,533 37
		14	\$34,446 75	32	\$41,256 00	46	\$75,702 75

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF WATER DEPARTMENT MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>			<i>Annual</i>		<i>Annual</i>		<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>
10	2	1	\$2,750 00	.	.....	1	\$2,750 00
10	3	..	.....	1	\$1,716 00	1	1,716 00
17	7	1	2,200 00	..	.....	1	2,200 00
20	7	2	4,400 00	..	.....	2	4,400 00
23	4	1	3,128 00	..	.....	1	3,128 00
23	9	1	5,000 00	..	.....	1	5,000 00
24	10	1	2,200 00	..	.....	1	2,200 00
26	6	1	2,600 00	..	.....	1	2,600 00
26	10	1	3,720 00	..	.....	1	3,720 00
28	2	1	2,250 00	..	.....	1	2,250 00
29	1	1	2,200 00	.	.....	1	2,200 00
32	9	1	2,412 00	..	.....	1	2,412 00
45	..	..	.....	1	1,716 00	1	1,716 00
		12	\$32,860 00	2	\$3,432 00	14	\$36,292 00

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF GENERAL MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1938

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>			<i>Annual</i>		<i>Annual</i>		<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>
..	1	6	\$10,184 00	..	.....	6	\$10,184 00
..	2	2	2,860 00	3	\$2,040 00	5	4,900 00
..	3	2	3,600 00	2	1,370 00	4	4,970 00
..	4	2	1,960 00	2	2,800 00	4	4,760 00
..	5	4	6,500 00	..	.....	4	6,500 00
..	6	..	.....	3	3,120 00	3	3,120 00
..	7	6	10,580 00	..	.....	6	10,580 00
..	8	34	54,756 00	4	4,186 00	38	58,942 00
..	9	..	.....	3	4,316 00	3	4,316 00
..	10	6	12,974 00	7	7,072 00	13	20,046 00
..	11	7	13,832 00	1	1,144 00	8	14,976 00
1	..	6	8,680 00	1	520 00	7	9,200 00
1	1	1	1,560 00	1	600 00	2	2,160 00
1	2	..	.....	3	2,944 00	3	2,944 00
1	3	2	3,120 00	2	2,708 00	4	5,828 00
1	4	..	.....	1	1,700 00	1	1,700 00
1	5	1	2,184 00	..	.....	1	2,184 00
1	6	..	.....	2	2,080 00	2	2,080 00
1	8	..	.....	1	540 00	1	540 00
1	9	1	1,560 00	..	.....	1	1,560 00
1	10	2	3,536 00	..	.....	2	3,536 00
1	11	..	.....	1	546 00	1	546 00
2	..	..	.....	2	2,580 00	2	2,580 00
2	1	..	.....	3	2,314 00	3	2,314 00
2	2	2	3,198 00	1	1,248 00	3	4,446 00

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>			<i>Annual</i>		<i>Annual</i>		<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>
2	3	1	\$2,184 00	1	\$720 00	2	\$2,904 00
2	6	..	.....	1	600 00	1	600 00
2	7	..	.....	1	540 00	1	540 00
2	8	2	4,056 00	2	1,820 00	4	5,876 00
2	9	..	.....	1	1,300 00	1	1,300 00
2	11	..	.....	1	1,040 00	1	1,040 00
3	..	2	2,600 00	3	3,536 00	5	6,136 00
3	1	..	.....	1	1,144 00	1	1,144 00
3	2	1	780 00	4	3,560 00	5	4,340 00
3	3	..	.....	2	1,892 00	2	1,892 00
3	4	..	.....	4	5,408 00	4	5,408 00
3	6	..	.....	1	1,404 00	1	1,404 00
3	7	1	1,140 00	4	4,112 00	5	5,252 00
3	8	1	2,184 00	2	2,808 00	3	4,992 00
3	9	..	.....	2	2,860 00	2	2,860 00
3	10	..	.....	3	1,704 00	3	1,704 00
4	..	1	1,664 00	5	4,410 00	6	6,074 00
4	1	1	2,496 00	1	540 00	2	3,036 00
4	3	..	.....	2	1,730 00	2	1,730 00
4	4	..	.....	1	1,200 00	1	1,200 00
4	6	..	.....	1	600 00	1	600 00
4	8	..	.....	2	1,140 00	2	1,140 00
4	9	..	.....	6	6,416 00	6	6,416 00
5	2	..	.....	1	1,500 00	1	1,500 00
5	6	..	.....	1	1,144 00	1	1,144 00
5	7	..	.....	2	1,920 00	2	1,920 00
5	9	..	.....	1	720 00	1	720 00
6	6	1	2,080 00	..	.....	1	2,080 00
6	9	..	.....	2	2,080 00	2	2,080 00
6	10	..	.....	2	1,800 00	2	1,800 00
7	..	1	1,560 00	1	960 00	2	2,520 00
		96	\$161,828 00	104	\$104,436 00	200	\$266,264 00

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF SCHOOL DEPARTMENT MEMBERS
NOT ELIGIBLE FOR PRIOR SERVICE CREDIT

December 31, 1938

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>			<i>Annual</i>		<i>Annual</i>		<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>	<i>No.</i>	<i>Salaries</i>
2	11	..	.....	1	\$1,040 00	1	\$1,040 00
3	3	1	\$2,080 00	..	.....	1	2,080 00
4	2	2	4,160 00	..	.....	2	4,160 00
4	9	1	1,976 00	..	.....	1	1,976 00
5	1	3	6,784 88	..	.....	3	6,784 88
		7	\$15,000 88	1	\$1,040 00	8	\$16,040 88

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF WATER DEPARTMENT MEMBERS
NOT ELIGIBLE FOR PRIOR SERVICE CREDIT

December 31, 1938

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>		<i>No.</i>	<i>Annual</i>	<i>No.</i>	<i>Annual</i>	<i>No.</i>	<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>		<i>Salaries</i>		<i>Salaries</i>		<i>Salaries</i>
..	1	1	\$1,560 00	..	.....	1	\$1,560 00
..	8	1	1,820 00	..	.....	1	1,820 00
1	8	1	1,820 00	..	.....	1	1,820 00
2	2	1	1,872 00	..	.....	1	1,872 00
3	3	1	1,820 00	..	.....	1	1,820 00
3	7	..	.....	1	\$1,456 00	1	1,456 00
3	8	1	1,664 00	..	.....	1	1,664 00
		6	\$10,556 00	1	\$1,456 00	7	\$12,012 00

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF FIRE DEPARTMENT MEMBERS
NOT ELIGIBLE FOR PRIOR SERVICE CREDIT

December 31, 1938

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>		<i>No.</i>	<i>Annual</i>	<i>No.</i>	<i>Annual</i>	<i>No.</i>	<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>		<i>Salaries</i>		<i>Salaries</i>		<i>Salaries</i>
..	1	4	\$8,137 50	..	.....	4	\$8,137 50
..	2	1	1,982 50	..	.....	1	1,982 50
..	7	5	9,912 50	..	.....	5	9,912 50
1	2	5	10,950 00	..	.....	5	10,950 00
1	6	1	2,190 00	..	.....	1	2,190 00
1	8	1	1,982 50	..	.....	1	1,982 50
3	2	4	8,760 00	..	.....	4	8,760 00
3	4	2	4,380 00	..	.....	2	4,380 00
4	..	2	4,380 00	..	.....	2	4,380 00
4	1	4	8,760 00	..	.....	4	8,760 00
4	2	1	2,190 00	..	.....	1	2,190 00
4	3	1	2,190 00	..	.....	1	2,190 00
		31	\$65,815 00	..	.....	31	\$65,815 00

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF POLICE DEPARTMENT MEMBERS
NOT ELIGIBLE FOR PRIOR SERVICE CREDIT

December 31, 1938

		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Service</i>		<i>No.</i>	<i>Annual</i>	<i>No.</i>	<i>Annual</i>	<i>No.</i>	<i>Annual</i>
<i>Yrs.</i>	<i>Mos.</i>		<i>Salaries</i>		<i>Salaries</i>		<i>Salaries</i>
..	4	16	\$31,720 00	..	.....	16	\$31,720 00
..	7	9	19,710 00	..	.....	9	19,710 00
		25	\$51,430 00	..	.....	25	\$51,430 00

VALUATION BALANCE SHEET SHOWING ASSETS AND LIABILITIES OF THE FUNDS OF THE CAMBRIDGE RETIREMENT SYSTEM AS OF DECEMBER 31, 1938

Prepared by William T. Eldridge, Actuary

Assets	Present Value of Payments to be Received	Liabilities	Present Value of Payments to be Made
Actual Assets:			
Annuity Savings Fund.....	\$178,065 24	Present value of benefits payable on account of beneficiaries now drawing allowances from the Annuity Reserve Fund.....	\$5,625 38
Annuity Reserve Fund.....	7,855 19	Present value of benefits payable on account of beneficiaries now drawing allowances from the Pension Accumulation Fund.	141,385 41
Pension Accumulation Fund.....	156,594 56	Present value of benefits to members with prior service credit to be paid by the City of Cambridge into the Pension Accumulation Fund:	
Total Actual Assets.....	\$342,514 99	Superannuation pensions on account of service as members, equal to the annu- ities provided by the contributions of employees.....	\$95,369 39
		Additional superannuation pensions on account of service rendered prior to January 1, 1932.....	655,189 99
		Ordinary disability pensions provided by the City.....	48,100 00
		Accidental disability pensions provided by the City.....	4,500 00
		Accidental death benefits provided by the City.....	18,500 00
			<hr/> 821,659 38
Amount carried forward.....	\$342,514 99	Amount carried forward	<hr/> \$968,670 17

VALUATION BALANCE SHEET—Concluded

<i>Assets</i>	<i>Present Value of Payments to be Received</i>	<i>Liabilities</i>	<i>Present Value of Payments to be Made</i>
<i>Amount brought forward</i>	\$342,514 99	<i>Amount brought forward</i>	\$968,670 17
Contingent Assets:		Present value of benefits to new entrants to be paid by contributions of the City of Cambridge into the Pension Accumu- lation Fund:	
Present Value of Future Contributions payable by the City of Cambridge into the Pension Accumulation Fund, viz.:		Superannuation pensions on account of service as members, equal to annuities provided by contributions of employees	\$60,981 74
Normal contribution of 2.26% of future salaries.....	\$191,398 08	Ordinary disability pensions provided by City.....	1,500 00
Accumulated liability contribution of 2.97% of future pay roll until liabil- ities of Pension Fund on account of past services are liquidated.....	676,204 08	Accidental disability pensions provided by City.....	150 00
Total Contingent Assets.....	867,602 16	Accidental death benefits provided by City	750 00
		Present value of benefits on account of which contributions have been accumulated to date on the Annuity Savings Fund....	63,381 74
		TOTAL LIABILITIES.....	178,065 24
			<u>\$1,210,117 15</u>
			<u><u>\$1,210,117 15</u></u>

Note: No account is taken of the future contributions of employees into the Annuity Savings Fund because the benefits purchasable by them are exactly equal to the accumulated amount of the contributions and therefore do not affect the balance.

Respectfully submitted,

CAMBRIDGE RETIREMENT BOARD,

V. GEORGE BADOIAN, *Chairman*
 CONSTANTINE J. CHURCH, *Secretary*
 JOHN J. MCKENZIE, *City Auditor*

REPORT OF BOARD OF PUBLIC WELFARE

April 1, 1939.

To His Honor, the Mayor, and the City Council:

The Board of Public Welfare respectfully submit their annual report for the year ending December 31, 1938. At the annual meeting held in May, Dr. Francis J. Mulcahy was elected chairman of the Board for the ensuing year.

On December 6, 1938 an ordinance was passed to be ordained by the City Council which reduced the number of members of the Board from seven to three.

On December 27, 1938, His Honor, the Mayor, nominated Thomas P. Dillon, Peter J. Cahill, and Charles J. McMenimen to constitute the new Board.

During the year the number of cases aided as general relief cases was 3,514, the number aided under the Aid to Dependent Children law was 219, and the number aided under the Old Age Assistance law was 1,461.

The cost of maintaining the department is as follows:

	<i>Expenses</i>	<i>Receipts</i>	<i>Net</i>
Outside Aid	\$1,039,954 20	\$298,731 91	\$ 741,222 29
Old Age Assistance .	415,481 65	136,395 29	279,086 36
City Infirmary	68,904 55	3,175 00	65,729 55
	<hr/>	<hr/>	<hr/>
	\$1,524,340 40	\$438,302 20	\$1,086,038 20

Respectfully submitted,

THOMAS P. DILLON,
PETER J. CAHILL.

EXPENDITURES

Outside Aid

Personal Service:		
Salaries, permanent employees.....	\$30,421 57	
Salaries, temporary employees.....	2,598 81	
		\$33,020 38
Service other than Personal:		
Postage.....	\$450 00	
Transportation.....	650 00	
Cartage and freight.....	35	
Communication.....	563 46	
Fees.....	150 00	
Miscellaneous.....	13 20	
Travel outside State.....	100 00	
		1,927 01
Equipment:		
Office.....	\$215 46	215 46
Supplies:		
Office.....	\$906 34	906 34
Special Items:		
Burials.....	\$1,093 70	
Cash aid.....	736,666 15	
Clothing.....	5,541 60	
Food.....	9,612 90	
Fuel.....	38,948 50	
Medical.....	5,255 89	
Aid to dependent children.....	161,962 15	
State, cities and towns.....	12,986 89	
Institutions.....	31,817 23	
		1,003,885 01
Total expenditures.....		\$1,039,954 20
WPA Projects:		
Rewriting welfare histories.....	\$118 18	
Distribution of surplus commodities.....	2,946 26	
Sewing units.....	1,966 09	
Household aides.....	202 50	
		\$5,233 03

EXPENDITURES

Old Age Assistance

Personal Service:		
Salaries, permanent employees.....	\$7,081 15	\$7,081 15
Service other than Personal:		
Postage.....	\$185 00	
Transportation.....	150 00	
Cartage and freight.....	2 75	
		337 75
Equipment:		
Office.....	\$246 98	246 98
Supplies:		
Office.....	\$385 31	385 31
Special Items:		
Cash to recipients.....	\$407,430 46	407,430 46
		\$415,481 65

EXPENDITURES

City Home

Personal Service:		
Salaries, permanent employees.....	\$33,342 67	
Salaries, temporary employees.....	310 00	
	<hr/>	\$33,652 67
Service other than Personal:		
Postage.....	\$20 00	
Transportation.....	359 40	
Freight and cartage.....	11 34	
Light and power.....	2,343 72	
Communication.....	233 81	
Medical service.....	71 85	
Boiler inspection.....	20 00	
Service not otherwise coded.....	672 40	
Burials.....	318 00	
	<hr/>	4,050 52
Equipment:		
Furniture and fittings.....	\$60 00	
Medical, surgical and laboratory.....	141 00	
Wearing apparel.....	741 96	
Equipment not otherwise coded.....	104 00	
	<hr/>	1,046 9
Supplies:		
Office supplies.....	\$29 75	
Food and ice.....	22,400 62	
Fuel.....	4,523 84	
Medical, surgical and laboratory.....	582 44	
Laundry and cleaning.....	581 03	
Chemicals and disinfectants.....	68 25	
Tobacco.....	651 98	
Supplies not otherwise coded.....	1,167 33	
Bedding and linen.....	149 16	
	<hr/>	30,154 40
Total expenditures.....		<hr/> \$68,904 55

RECEIPTS

Outside Aid

Other Cities and Towns:		
Temporary aid.....	\$15,204 11	
Aid to dependent children.....	1,061 31	
Sick poor.....	3,677 62	
	<hr/>	\$19,943 04
Commonwealth of Massachusetts:		
Temporary aid.....	\$133,185 92	
Aid to dependent children.....	105,426 98	
Sick poor.....	5,622 82	
	<hr/>	244,235 72
Other Sources:		
Federal grants, aid to dependent children.....	\$33,019 11	
Miscellaneous.....	1,534 04	
	<hr/>	34,553 15
Total receipts.....		<hr/> \$298,731 91

RECEIPTS

Old Age Assistance

Other cities and towns.....	\$2,881 02	
Commonwealth of Massachusetts.....	133,452 51	
Miscellaneous.....	61 76	
	<hr/>	\$136,395 29
Federal Grants:		
Administration.....	\$6,124 85	
Assistance.....	183,746 92	
	<hr/>	189,871 77
		<hr/>
Total receipts.....		\$326,267 06

RECEIPTS

City Home

Board.....	\$3,175 00	\$3,175 00
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REPORT OF THE CITY PHYSICIAN

To His Honor the Mayor and the City Council:

Cambridge, Mass., January 1, 1939.

The report of the City Physician for the twelve months ending December 31, 1938 is hereby rendered:

City Home

Number of persons attended	708
Number of visits	340
Number of admissions	170
Number of deaths	32
Number of discharges	112
Cost of medicines, surgical appliances, medical assistance	\$705 29

Outside Aid

Number of persons attended	8,346
Number of visits to same	11,549
Number of persons sent to outside hospitals	52
Number of outside deaths	5
Number of outside births	3
Cost of medicines and surgical appliances	\$4,785 37

Departmental

Number of persons attended at police stations	79
Number of visits to same	79
Number of city employees examined for retirement	10
Number of visits to same	10
Number of firemen examined for retirement	2
Number of policemen examined for retirement	2

Under the heading of special care, thirty-six (36) persons were fitted with glasses at a cost of two hundred twenty-seven dollars and forty cents (\$227.40). Three persons were given abdominal supports at a cost of twenty-seven dollars and fifty cents (\$27.50). Three persons were fitted with arch supports at a cost of fifteen dollars (\$15). One surgical belt was purchased at eight dollars and fifty cents (\$8.50). Two persons were fitted with trusses at a cost of seventeen dollars (\$17). One corset was supplied at a cost of twelve dollars (\$12). One rubber stocking at four dollars (\$4) and one sacro-iliac belt at seven dollars and fifty cents (\$7.50). In addition nineteen persons were fitted with glasses with the aid of the Bridge Fund at a cost of one hundred twenty-four dollars and seventy-three cents (\$124.73).

The system of dispensing medicine to welfare and WPA

recipients was continued as in the past with considerable net saving to the city.

The City Physician continued to have the aid of two assistants as provided by the City Ordinance, and it is believed that the work was well taken care of.

Conditions at the City Home were greatly improved this year with the addition of a resident interne to assist the City Physician. A new system of charts was set and additional equipment was provided.

Coöperation with the Cambridge City Hospital was excellent. We have tried to reciprocate their kindnesses by relieving them of chronic cases.

I wish to thank the Secretary of the Board of Public Welfare for his assistance and coöperation. We are also indebted to the Mayor, City Council, and the Board of Public Welfare for their interest and coöperation.

Respectfully submitted,

M. L. DRESSLER, M.D.,
City Physician.

ANNUAL REPORT OF THE SUPERINTENDENT OF THE CAMBRIDGE HOME FOR THE AGED AND INFIRM

To the Honorable Board of Public Welfare:

The annual report for the year ending December 31, 1938 is hereby respectfully submitted.

	<i>Men</i>	<i>Women</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Remaining December 31, 1937	142	67	0	1	210
Admissions	84	39	20	14	157
Total	226	106	20	15	367
Discharges	75	32	17	13	137
Remaining December 31, 1938	151	74	3	2	230

The average number present for the year	207
The highest number present for the year	233
The lowest number present for the year	203
The total number cared for during the year	367

ADMISSIONS

Of the one hundred and fifty-seven admissions, thirty-nine males and nineteen females were born in Cambridge; twenty-three males and twelve females were born in Massachusetts; twelve males and two females were born in other states of the Union. The total number of native born was one hundred and seven, of which seventy-four were males and thirty-three were females. The total number of foreign born was fifty, of which thirty were males and twenty were females.

AGE GROUPS OF ADMISSIONS

The youngest admitted was a male baby nine days old. The oldest was a man ninety-three years of age. The admission by age groups follows: under ten, fourteen males and thirteen females; from ten to twenty, six males and four females; twenty to thirty, six males and four females; from thirty to forty, seven males and two females; forty to fifty, eighteen males and five females; fifty to sixty, eighteen males and one female; sixty to seventy, twenty males and eleven females; seventy to eighty, ten males and nine females; eighty to ninety, four males and four females; and from ninety to one hundred, one male and no females.

DISCHARGES

Of those discharged during the year, the longest time in the Home was a man whose residence was fifteen years, eleven months and nine days.

The shortest time was for another man, one day. The total number of days for the men was fifty thousand, three hundred and thirty-three, making an average of one year, ten months and six days. For the boys the total number of days was four hundred and eighty-one, which gives an average of twenty-eight days for each of the seventeen boys.

The total number of days for the women was eight thousand, one hundred and ninety-three, which gives an average of eight months and sixteen days for each of the thirty-two women. The total number of days for the girls was six hundred and ninety, which is an average of one month and twenty-three days for each of the thirteen girls. Discharges other than death were as follows: other institutions, sixteen male, twelve females; work, thirteen males, two females; friends, one male; relatives, nine males and seven females; Old Age Assistance, twelve males and no females; home, eleven males and nine females; board, two females; walked out, four males; ejected, six males. Forty-six men and nineteen women were so physically improved as to go to work, to home, to relatives or friends.

DEATHS

There were thirty-three during the year. Thirteen males and twelve females died in the Home; seven males and one female died at the Cambridge City Hospital, one of the males being a baby twenty-five days old. The longest time spent in the Home for the men was fourteen years, seven months. The longest time for the women was eight years, five months and six days. The shortest time spent in the Home for the men was four days; and for the women, thirteen days.

The total number of days for the men was twenty-seven thousand, two hundred and fifty-six, which gives an average of three years, eight months and twenty-eight days. The total number of days for the women was five thousand, nine hundred and eighty-four, which gives an average of one year, three months and five days.

No one familiar with these cases can doubt that the Grace of God sent some of them to the Home that they might be prepared for a happy death.

Three were cases of marvelous repentances, being away from the church respectively for twenty-nine, sixty and sixty-two years.

To aid in the return of these prodigal sons brings to us our greatest happiness, which was made possible through the coöperation of the priests, matron, nurses and attendants, all of whom will be gratefully remembered by those for whose souls they helped to secure eternal salvation.

At all of our Home burials the Superintendent, with some members of the big family, accompany the remains to the grave.

Cambridge has reason to be proud of the respect shown its dead.

ENTERTAINMENTS

During the year one hundred and thirty-seven entertainments were given, each of which brought added happiness into the lives of the members of our big family. As the press has been most generous in the space given to these our references will be curtailed.

MAYOR'S DAY

The nineteenth annual Mayor's Day was observed on New Year's Day, when Mayor John D. Lynch personally extended the New Year's Greetings to all and provided an excellent entertainment, with the following serving as Master of Ceremonies: Al Bates, Sandy Chapman, John F. Moriarty and Maurice Corkery of the Central Square Theatre. Candy and ice cream were given to all and tobacco to the men.

JANUARY ENTERTAINMENTS

January 4, WPA Everett Concert Orchestra; January 6, WPA Somerville Concert Orchestra; January 8, FTP Vaudeville, Unit 1; January 11, WPA Everett Concert Orchestra; January 13, WPA Medford Concert Band; January 15, FTP Vaudeville, Unit 2; January 18, WPA Everett Concert Orchestra; January 20, WPA Medford Concert Band; January 25, WPA American Folk Singers; January 27, WPA Medford Concert Band; and January 29, FTP Vaudeville, Unit 6.

FEBRUARY ENTERTAINMENTS

February 1, WPA Everett Concert Orchestra; February 3, WPA Medford Concert Band; February 5, FTP Vaudeville, Unit B; February 7, FTP Vaudeville, Unit 7; February 8, WPA Everett Concert Orchestra; February 12, FTP Vaudeville, Unit 3; February 15, WPA Somerville Concert Orchestra; February 17, WPA Quincy Concert Orchestra; February 19, FTP Vaudeville, Unit 7; February 24, WPA Medford Concert Band; February 26, FTP Vaudeville, Unit 8; St. Jerome Parish Minstrels under the direction of Daniel Mahoney.

MARCH ENTERTAINMENTS

March 1, WPA Everett Concert Orchestra; March 2, WPA Somerville Concert Orchestra; March 3, WPA Medford Concert Band; March 8, WPA Everett Concert Orchestra; March 10, WPA Medford Concert Band; March 12, FTP Vaudeville, Unit C; March 13, Immaculate Conception Players in "Gold in the Hills," under the direction of Rev. John F. Broderick; March 15, WPA Everett Concert Orchestra; March 17, WPA Chelsea Concert Band; March 19, FTP Vaudeville, Unit D; March 20, St. Jerome's Dramatic Club presented "When Irish Eyes Are Smiling"; March 21, WPA Chelsea Concert Band; March 22, WPA Everett Concert Orchestra; March 24, WPA Quincy Concert Orchestra; March 26, FTP Vaudeville, Unit A; March 28, WPA Chelsea Concert Band; March 29, WPA Everett Concert Orchestra; and March 31, WPA Chelsea Concert Band.

APRIL ENTERTAINMENTS

April 5, WPA Everett Concert Orchestra; April 7, WPA Medford Concert Band; April 9, FTP Vaudeville, Unit 9; April 12, WPA Everett Concert Orchestra; April 14, WPA Medford Concert Band; April 18, WPA Everett Concert Orchestra; April 21, WPA Medford Concert Band; April 23, FTP Vaudeville, Unit 4; April 26, WPA Everett Concert Orchestra; April 28, WPA Medford Concert Band; April 30, FTP Vaudeville, Unit 1.

MAY ENTERTAINMENTS

May 3, WPA Everett Concert Orchestra; May 5, WPA Medford Concert Band.

MOTHERS' DAY

May 8, annual visitation, presentation of gifts and entertainment. Distribution of candy and tobacco to the Home folks. Court Louise Catholic Daughters of America, Grand Regent Mrs. Ellen Shea and Mrs. William D. Berkeley, Master of Ceremonies.

May 10, WPA Everett Concert Orchestra; May 12, WPA American Folks Singers; May 14, FTP Vaudeville, Unit B; May 17, Everett Concert Orchestra; May 24, WPA Everett Concert Orchestra; May 26, WPA Quincy Concert Orchestra.

GOVERNOR CHARLES F. HURLEY DAY

May 29. This was the second Governor's Day and was one of the big events of the year. The best selected artists of the Federal Theater Project were the star entertainers. Much space was given in the press to this important event in the lives of the Home folks. A bountiful supply of ice cream, candy, and tobacco was served. His Excellency was accompanied by Mrs. Charles F. Hurley, daughters Betty and Nancy, and members of the Governor's staff.

May 31, WPA Everett Concert Orchestra.

JUNE ENTERTAINMENTS

June 2, WPA Somerville Concert Orchestra; June 7, WPA Somerville Concert Orchestra; June 10, WPA Quincy Concert Orchestra; June 14, WPA Newton Concert Orchestra; June 15, WPA Boston Civic Choristers; June 16, WPA Everett Concert Orchestra; June 21, WPA Everett Concert Orchestra; June 23, WPA Medford Concert Orchestra; June 27, WPA Everett Concert Orchestra; June 30, WPA Medford Concert Band.

JULY ENTERTAINMENTS

July 5, Everett Concert Orchestra; July 7, WPA Boston Civic Choristers; July 12, WPA Everett Concert Orchestra; July 14, WPA Medford Concert Band; July 19, WPA Everett Concert Orchestra; July 21, WPA Quincy Concert Orchestra; July 26, WPA Everett Concert Orchestra; July 28, WPA American Folk Singers.

AUGUST ENTERTAINMENTS

August 2, WPA Everett Concert Orchestra; August 4, WPA

Quincy Concert Orchestra; August 9, WPA Quincy Concert Orchestra; August 11, WPA Medford Concert Orchestra; August 16, WPA American Folk Singers; August 18, Boston Civic Choristers; August 23, WPA Concert Orchestra; August 30, WPA Everett Concert Orchestra.

SEPTEMBER ENTERTAINMENTS

September 1, WPA Quincy Concert Orchestra; September 6, WPA Everett Concert Orchestra; September 8, WPA Newton Concert Orchestra; September 13, WPA Everett Concert Orchestra; September 19, WPA Chelsea Concert Orchestra; September 18, Junior American Legion Band; September 20, WPA Everett Concert Orchestra; September 22, WPA Boston Civic Choristers; September 27, WPA Everett Concert Orchestra; and September 29, WPA Southland Singers.

OCTOBER ENTERTAINMENTS

October 4, WPA Everett Concert Orchestra; October 6, WPA Chelsea Concert Band; October 11, WPA Everett Concert Orchestra.

COLUMBUS DAY

October 12 is the occasion of the annual visitation, presentation and entertainment of Cambridge Council 74, Knights of Columbus. Grand Knight Powers and an efficient committee presented oranges, apples, tobacco, and ice cream.

October 13, WPA Medford Concert Band; October 18, WPA Somerville Concert Band; October 20, WPA Chelsea Concert Band.

EPWORTH LEAGUE

October 23, the Epworth League of the Grace Methodist Church presented readings and sang hymns.

October 25, WPA Newton Orchestra; October 27, WPA Medford Concert Band; October 29, FTP Vaudeville, Unit 5.

NOVEMBER ENTERTAINMENTS

November 1, WPA Everett Concert Orchestra; November 3, WPA Chelsea Concert Band; November 5, FTP Vaudeville,

Unit 6; November 8, WPA Everett Concert Orchestra; November 10, WPA American Folk Singers; November 12, FTP Vaudeville, Unit D; November 15, WPA Boston Civic Orchestra; November 17, WPA Chelsea Concert Band; November 19, FTP Vaudeville Unit A; November 22, WPA Everett Concert Orchestra; November 26, FTP Vaudeville, Unit E; November 29, WPA Everett Concert Orchestra.

DECEMBER ENTERTAINMENTS

December 1, WPA Everett Concert Orchestra; December 3, FTP Vaudeville, Unit 2; December 6, WPA Chelsea Concert Band; December 8, WPA Somerville Concert Orchestra; December 10, FTP Vaudeville, Unit B; December 13, WPA American Folk Singers; December 15, WPA Chelsea Concert Band; December 20, WPA Medford Concert Band; and December 27, WPA Chelsea Band.

THANKSGIVING TURKEYS

The Thanksgiving turkeys for the past twelve years have been given to the Home folks by the Misses Copp, of the Copp Hospital on Chester Street.

Gifts from individuals are accepted as coming from sympathetic hearts, while from the city they are looked upon as coming from the cold hand of charity.

The Misses Copp conduct a religious service on the first Sunday of each month, thus providing for the spiritual as well as the physical needs of the Home folks.

FATHER CALLANAN DAY

So long as the City of Cambridge endures, the eighteenth day of December will always be "Father Callanan Day." Rev. Dr. P. H. Callanan, late pastor of St. Peter's Parish, planned that the annual interest of his bequest would function after his soul had gone to its eternal reward. Father Callanan's annual feast recalls these words: "But when Thou makest a feast, call the poor, the maimed, the lame, the blind; and Thou shalt be blessed, for they cannot recompense thee; for Thou shalt be recompensed at the resurrection of the just," Luke 14:12.

In the years to come those passing the sunset of their lives in our Home will have such a feast. In addition to the feast of eats

an excellent entertainment was supplied by Tom Senna, State Supervisor of the Federal Theatre Project of Massachusetts. In the morning Father James T. McKeon celebrated mass and gave Holy Communion, after which he paid a great tribute to his late pastor.

The Superintendent read the last letter sent by Father Callanan to him in which he regretted his inability to be present on the eighteenth day of December, 1931, wishing them God's blessing and many years of continued happiness.

THE SUNDAY BEFORE CHRISTMAS

This is the day when North Cambridge Council 269, Knights of Columbus and Court La Rabida of the Catholic Daughters of America make their annual visit, stage their annual entertainment, and present gifts of candy, ice cream, fruit, and tobacco to the Home folks. Grand Knight Maurice Harrington and Grand Regent Mrs. Virginia Verdi brought large delegations from their respective organizations.

CHRISTMAS CAROLERS

All the Home folks were brought to the little crib and the Infant Saviour by the following group of carolers from the Broadway Baptist Church; Christ Church led by Mrs. Arthur Musgrave; Belmont Choral Society, and the Latin and Rindge scholars, led by Benedict FitzGerald and Tom Quinn.

SARAH E. RUSSELL FUND

Sarah E. Russell died October 6, 1897. She was the first citizen of Cambridge to create a trust fund, the annual interest of which is used to bring added happiness to the Home folks. On a tablet, "Our Good Samaritans," which is hung in our lobby, the name of Sarah E. Russell is the first one.

This year the money was used for Christmas trees, wreaths, laurel streamers and electric light bulbs for trees and star. This annual display has won public approval and praise.

THE PRESS

We are grateful to the members of the Press for their liberal space given to the various organizations and artists who have added happiness to the members of the big family at the Home.

MAGAZINES AND BOOKS

Cambridge Lodge of Elks for their weekly gift of current magazines; George S. Tucker, 11 Howard Street, Arlington; Mrs. Dana T. Gallup, 42 Trowbridge Street, year's subscription to *Saturday Evening Post*; Miss Margaret M. Worcester, 5 Bryant Street; Herbert Danehy, 344 Rindge Avenue; Mrs. Daniel Sullivan, 29 Willard Street; St. Peter's Catholic Club, Concord Avenue; Mrs. Leopold Bartel, 40 William Street; Miss Carrie Sullivan, 59 Magazine Street; Mr. R. J. Coburn, 1699 Cambridge Street; Mr. William F. Brooks, 38 Bowdoin Street; Cambridge Y. M. C. A.; First Parish Church; Christ Church; Wesley Foundation Methodist Church; The Order of De Molay, Belmont Chapter; Mrs. Timothy O'Callaghan, 247 Lexington Avenue; Miss Mary Dwyer, 18 Channing Street; Mr. Robert Drysdale, 500 Huron Avenue; Mrs. Mary K. Doherty, 341 Mt. Auburn Street; Mrs. Elmer Bright, 165 Brattle Street; Walter McCarthy, 162 Washington Street, Arlington; Mrs. Margaret A'Hern, 27 Morris Street; Mrs. Joseph O'Connell, 33 Norris Street; Mr. A. J. O'Brien, 28 York Street; Mrs. Horace Skilton, 7 Linnaean Street; Mr. J. L. McDonald, 48 Banks Street; Mrs. Elizabeth Kee, 128 Washington Street, Arlington; Mrs. P. Sharples and Mrs. J. P. Adams of Christ Church; Mrs. Frank E. Viano, 55 Dover Street, Somerville; Mrs. Emery Wright, 52 Cedar Road, Belmont; Mr. Christopher Donnelly, 4 Highland Park; Mr. Raymond F. Scott, 8 Camelia Avenue; Miss Beatrice O'Shea, 36 Frank Street; Mrs. Roger Gilman, 19 Ash Street; Mrs. Anna Melanson, 216 Columbia Street; Mrs. M. Johnson, 37 Alfred Road, Arlington, and Daniel Doherty, 34 Mt. Auburn Street.

CLOTHING FOR MEN AND WOMEN

Mr. Timothy T. A. Danehy, 2235 Massachusetts Avenue; Mr. Herbert Danehy, 344 Rindge Avenue; Mrs. William McKeever, 8 Camelia Avenue; Mr. James Hopkins, 112 Sycamore Street, Somerville; Mrs. James McKeever, 8 Camelia Avenue; Mr. Michael O'Reagan, 43 Magoun Street; Mrs. James E. Chisholm, 64A Clifton Street; Mrs. James Rooney, 26A Shepard Street; Mrs. A. Martin, 227 Concord Avenue; Mrs. Margaret Sullivan, 426 Huron Avenue; Mrs. Annie Martin, 227 Concord Avenue; Mr. A. L. Shaughnessey, 40 Talbot Street, Malden;

Mrs. Anna L. Doherty, 25 Channing Road, Belmont; Mr. Raymond F. Scott, 8 Camelia Avenue; Mr. William F. Brooks, 38 Bowdoin Street, and Mr. Joseph McCarthy, 67 Banks Street.

WREATHS AND FLOWERS

Miss Margaret Worcester, 5 Bryant Street; City Treasurer, Andrew P. Carroll; Superintendent of Streets, James D. Mahoney; Miss Margaret Foster, 11 Orvis Road, Arlington; Commissioner Timothy T. A. Danehy, 2235 Massachusetts Avenue; Mr. William Garner, 45 Gale Road, Belmont, and Mr. Thomas A. Glennon, 552 Massachusetts Avenue.

RELIGIOUS SERVICES

We are grateful to Rev. Francis V. Murphy, D.D., pastor of St. Peter's Parish, and his assistant pastors, Rev. Michael J. Burke, Rev. Stephen F. Moran, Rev. James T. McKeon and Rev. Charles B. Murphy, for the many masses celebrated in the Home, for the last rites given to the dying, the consolation given to the sick and their personal visits to all others of our family. We thank the other priests of the city for their interest in their former parishioners, now guests of our city. To Miss Margaret M. Worcester, 5 Bryant Street, we are greatly indebted for year's schedule bringing the ministers of the various denominations and their groups of singers to bring religious consolation to those of their faith.

My heartfelt thanks go to each individual who in any way ministered or helped to bring cheer to those under my care.

May the numbers of such charitable persons increase.

They will be repaid one hundred fold by Him Who rewards even the giving of a cup of water in His Name.

Respectfully submitted,

JOHN T. SHEA,
Superintendent.

CAMBRIDGE CITY HOSPITAL

OFFICERS, 1938

Board of Trustees

PAUL F. HILLERY, *Chairman*

JOHN H. HURLEY

JOHN J. CARVER

MORRIS L. DRESSLER, M.D.

LAWRENCE C. FELONEY

GERTRUDE D. STAPLETON, R.N., *Superintendent*

GERTRUDE A. GRANFIELD, R.N., *Assistant Superintendent*

REPORT OF TRUSTEES

To His Honor the Mayor and City Council:

The Board of Trustees of the Cambridge City Hospital submit herewith the twenty-second annual report of this Hospital for the year ending December 31, 1938.

The reports of the Superintendent, the Director of the Social Service and the Clinical Laboratory, together with detailed statistics, are also submitted herewith and are made a part of this report.

At the January meeting, Mr. Paul F. Hillery was reëlected chairman for the year 1938. Mr. John J. Carver was elected vice-chairman for the same period.

During the year Mr. John J. Hurley and Mr. John J. Carver were reappointed to the Board of Trustees. Mr. Lawrence C. Feloney was appointed in June of this year as a member of the Board of Trustees to serve for the remainder of the term of five years beginning May 1, 1936, to succeed Dr. William H. Moran, D.M.D., who resigned.

Edward A. Counihan, who served for many years as secretary to the Board of Trustees, submitted his resignation, which was accepted with regret. Owen F. McCall was elected by the Board of Trustees to succeed Mr. Counihan as secretary to the Board.

During the year the Hospital suffered the loss of two of its valued staff members, Dr. William H. Young and Dr. Thomas J. Cahill. Both doctors had been associated with the obstetrical staff for several years, Dr. Cahill having served as chief of staff since 1926.

The great abilities of both Dr. Cahill and Dr. Young were always at the service of their fellow-men. Their clear judgment, wise counsel and upright characters had the unqualified respect of all who were associated with them. The memory of these noble men will ever live in our hearts.

WORKS PROGRESS ADMINISTRATION PROJECTS

During the year two Works Progress Administration projects costing a total of \$38,703.85 were completed. Of the total amount, \$8,995.85 was the city's share in financing the projects, while the Federal Government expended a total of \$29,708.

The first of these projects was the construction of a 255-foot tunnel connecting the main building with the nurses' home and containing connecting links to the laundry and boiler room. The tunnel is seven feet high and seven feet wide.

All steam piping between buildings which was heretofore buried in the ground was removed and is now located within the tunnel. There is now 720 feet of asbestos-covered steam pipe within the tunnel. A pipe tunnel five feet high, five feet wide and 51 feet in length was also constructed as part of this project. The pipe tunnel extends from the boiler room to a point about midway in the main tunnel.

Construction of the main tunnel has filled a long felt need in the Hospital. The tunnel has been a great convenience for nurses in traveling to and from the Hospital in the late hours of the night and during the winter weather. The tunnel has also greatly facilitated the transportation of laundry and supplies between buildings.

Upon the completion of the tunnel project, the rear grounds of the Hospital covering an area of 14,320 square yards was regraded and seeded. A total of 375 bushes and shrubs were planted, and 450 square feet of new concrete sidewalk was laid from the main building to the nurses' home.

The Board of Trustees wish to acknowledge its debt of gratitude and express its appreciation to Mr. William Murphy of

the City of Cambridge Building Department who supervised both projects.

CAHILL HOUSE OF THE CAMBRIDGE CITY HOSPITAL

The year 1938 witnessed start of construction of what will undoubtedly be on its completion one of the finest maternity buildings in the country.

Construction and equipment of this building which, it is estimated, will cost \$300,000 is being financed by city funds, supplemented by a 45 per cent outright grant from the Federal Government under provisions of the Public Works Administration Act. The Federal grant amounts to \$135,000.

Tentative plans were submitted to the Board of Trustees on June 29, 1938, by the firm of McLaughlin & Burr, Architects. These plans were approved.

The building will cover a ground area of approximately 8,500 square feet on the southeasterly end of the hospital grounds, fronting on Cambridge Street.

In order to provide for this site it was necessary to demolish the buildings formerly known as the East Home and garage. The demolition was begun on October 3, 1938, by the Mystic Building Wrecking Co., Inc. Demolition was completed on November 8.

On November 3, 1938, bids were opened for the general construction of the new maternity building by John J. Terry, superintendent of the City of Cambridge Building Department, in City Hall.

The M. S. Kelliher Co. of Boston, general contractors, were low bidders and were awarded the contract at a cost of \$233,816. The M. S. Kelliher Co. was notified by the architect to start construction on November 14, 1938, and under provisions of the Public Works Administration regulations 280 calendar days have been allowed to complete construction.

By a unanimous vote of the Board of Trustees, the maternity building will be named the Cahill House of the Cambridge City Hospital. This action was taken by the Board of Trustees on October 31, 1938, to perpetuate the memory of Drs. Charles S. and Thomas J. Cahill, both of whom devoted many years of their lives to the service of this Hospital and to the community. Dr.

Charles S. Cahill was a member of the original Board of Trustees, where he served as chairman from 1912 until 1931.

ASSOCIATED HOSPITAL MEMBERSHIP

During the year, after considerable study and discussion, the Board of Trustees entered into a contract with the Associated Hospital Service Corporation of Massachusetts.

Under provisions of this contract, individuals and families may group together to insure themselves of hospitalization at a small cost. At the same time, hospitals that have memberships in this association are insured of payment of hospitalization fees for all individuals who are members.

CONCLUSION

Throughout the past year, the Board of Trustees have been unusually busy keeping step with the construction program. A total of twelve regular meetings and seven special meetings were held. This program marks another milestone in the continued advance of the Cambridge City Hospital since its establishment.

The Trustees take this opportunity to express appreciation of the helpful coöperation of His Honor the Mayor, and the members of the City Council, as well as to members of the staff, the superintendent, and the personnel of the Hospital.

Yours respectfully,

PAUL F. HILLERY, *Chairman*
JOHN H. HURLEY,
JOHN J. CARVER,
MORRIS L. DRESSLER, M.D.
LAWRENCE C. FELONEY.

Board of Trustees of Cambridge City Hospital.

The Hospital Staff is as follows:

SURGICAL STAFF — 1939

- Dr. Harry H. Germain, Surgeon-in-Chief, 479 Commonwealth Avenue, Boston.
Dr. Daniel F. Mahoney, Senior Visiting Surgeon, Copley Plaza Hotel, Boston.
Dr. Edward J. O'Brien, Senior Visiting Surgeon, 270 Commonwealth Avenue, Boston.
Dr. Edward T. Downey, Assistant Visiting Surgeon, 475 Commonwealth Avenue, Boston.
Dr. Emilio D'Errico, Assistant Visiting Surgeon, 44 Lawrence Road, Medford.
Dr. Edward Ormsby, Assistant Visiting Surgeon, 22 Caruth Street, Dorchester.
Dr. Llewellyn H. Rockwell, Assistant Visiting Surgeon, 270 Commonwealth Avenue, Boston.
Dr. Edward W. Feeley, Surgeon, S. O. P. D., 15 Medford Street, Arlington.
Dr. Henry F. Groden, Surgeon, S. O. P. D., 464 Commonwealth Avenue, Boston.
Dr. John F. Collins, Surgeon, S. O. P. D., 87 Endicott Avenue, Revere,
Dr. Charles Bruschi, Surgeon to Rectal O. P. D., 843 Massachusetts Avenue, Cambridge.
Dr. Lawrence T. Mullen, Surgeon to S. O. P. D., 2247 Massachusetts Avenue, Cambridge.
Dr. John B. Vernaglia, Surgeon to S. O. P. D., 80 High Street, Medford.
Dr. William G. O'Connor, Surgeon to S. O. P. D., 328 Broadway, Cambridge.
Dr. Paul Goodwin, Volunteer Assistant Surgeon to V. V. O. P. D., 510 High Street, West Medford.

MEDICAL STAFF

- Dr. Felix F. McGirr, Physician-in-Chief, 1436 Cambridge Street, Cambridge.
Dr. John F. Fair, Visiting Physician, 81 Dana Street, Cambridge.
Dr. Leo T. Myles, Visiting Physician, 1776 Massachusetts Avenue, Cambridge.
Dr. Andrew Downing, Visiting Physician, 333 Huron Avenue, Cambridge.
Dr. Edward J. O'Rourke, Visiting Physician, 2280 Massachusetts Avenue, Cambridge.
Dr. J. Allen Thompson, Visiting Physician, 900 Massachusetts Avenue, Cambridge.
Dr. W. Archibald, Physician to M. O. P. D., 837 Massachusetts Avenue, Cambridge.
Dr. Joseph A. Bruschi, Physician to M. O. P. D., 843 Massachusetts Avenue, Cambridge.
Dr. Albert C. Poirier, Physician to M. O. P. D., 830 Somerville Avenue, Cambridge.
Dr. Samuel Grosberg, Physician to M. O. P. D., 316 Huron Avenue, Cambridge.
Dr. Salvatore Lima, Voluntary Assistant to Anaphylaxis Clinic, 68 Berkshire Street, Cambridge.
Dr. A. J. Capone, Voluntary Assistant Physician, M. O. P. D., 390 Broadway, Somerville.

ORTHOPEDIC STAFF

- Dr. B. A. Godvin, Orthopedic Surgeon-in-Chief, 483 Beacon Street, Boston.
Dr. Arthur F. Sargent, Orthopedic Surgeon, 276 Commonwealth Avenue, Boston.
Dr. William N. Lanigan, Orthopedic Surgeon, 187 Main Street, Medford.
Dr. Fred L. DeGiacomo, Surgeon to Orthopedic O. P. D., 584 Columbia Road, Dorchester.
Dr. Waldo W. Robbins, Assistant in Orthopedics in charge of Physiotherapy, 16 Garfield Street, Cambridge.
Dr. Thomas E. Caulfield, Physician in charge of Arthritis and Allergy, 14 Church Avenue, Woburn.

LARYNGOLOGISTS

- Dr. Wright P. Hewitt, Surgeon-in-Chief to Ear, Nose and Throat Service, 52 Brattle Street, Cambridge.
Dr. Arthur Morrissey, Visiting Surgeon, Ear, Nose and Throat Service, 44 Marshall Street, Medford.

Dr. Willis E. Clarke, Visiting Surgeon, Ear, Nose and Throat Service, 482 Beacon Street, Boston.

Dr. Walter Jellis, Visiting Surgeon, Ear, Nose and Throat Service, 71 College Avenue, Somerville.

ROENTGENOLOGISTS

Dr. Frederick W. O'Brien, 465 Beacon Street, Boston.

Dr. Arthur P. Shinney, Assistant Roentgenologist, 465 Beacon Street, Boston.

RESIDENT PATHOLOGIST

Dr. Leon K. Baldauf, 1787 Cambridge Street, Cambridge.

OBSTETRICIANS

Dr. Frederick J. Lynch, Obstetrician-in-Chief, 475 Commonwealth Avenue, Boston.

Dr. Philip P. McGovern, Senior Visiting Obstetrician, 1525 Cambridge Street, Cambridge.

Dr. James Conway, Visiting Obstetrician, 989 South Street, Roslindale.

Dr. Philip J. Shea, Visiting Obstetrician, 35 Cameron Avenue, Cambridge.

Dr. Cornelius T. O'Connor, Visiting Obstetrician, 475 Commonwealth Avenue, Boston.

PEDIATRICIANS

Dr. Eugene Gorman, Chief Physician Pediatric Service, 122 Main Street, Watertown.

Dr. Frank T. Downey, Pediatrician, 276 Huron Avenue, Cambridge.

Dr. George H. McGuinness, Pediatrician, 30 Holton Street, Allston.

Dr. Christopher Egan, Visiting Pediatrician O. P. D., 68 Trapelo Road, Belmont.

DENTAL SURGEONS

Dr. Joseph B. Rockett, Chief of Dental Surgeons, 520 Beacon Street, Boston.

Dr. Frank McLean, Assistant Dental Surgeon, 140 Federal Street, Boston.

Dr. Matthew Shea, Assistant Dental Surgeon, 1218 Massachusetts Avenue, Cambridge.

Dr. Francis J. Mulcahy, Assistant Dental Surgeon, 1218 Massachusetts Avenue, Cambridge.

Dr. Carl C. Larsen, Assistant Dental Surgeon, 657 East Fifth Street, South Boston.

Dr. William Griffin, Assistant Dental Surgeon, 520 Beacon Street, Boston.

Dr. Jonathan P. Edwards, Assistant Dental Surgeon, 130 North Washington Street, North Attleboro.

Dr. Ralph Metters, Assistant Dental Surgeon, 130 North Washington Street, North Attleboro.

Dr. William McIntosh, Assistant Dental Surgeon, 29 Commonwealth Avenue, Boston.

DERMATOLOGISTS AND SYPHILOLOGISTS

Dr. Walter Garfield, Chief Dermatologist, 19 Bay State Road, Boston

Dr. Arthur Simmons, Assistant Visiting Dermatologist, 1284 Commonwealth Avenue, Brookline.

Dr. E. A. Lafreniere, Assistant Visiting Dermatologist, 230 Massachusetts Avenue, Arlington.

Dr. George Schwartz, Assistant Visiting Dermatologist, 311 Commonwealth Avenue, Boston.

OPHTHALMOLOGISTS

Dr. Hugh C. Donahue, Ophthalmic Surgeon, 520 Commonwealth Avenue, Boston.

Dr. Arthur Morrissey, Ophthalmic Surgeon, 44 Marshall Street, Medford.

CONSULTANTS

Dr. William MacDonald, Dermatologist, 270 Commonwealth Avenue, Boston.

Dr. Frederick Good, Obstetrician, 20 Commonwealth Avenue, Boston.

Dr. Maxwell E. MacDonald, Neurologist, 270 Commonwealth Avenue, Boston.
Dr. William P. Beetham, Ophthalmologist, 5 Bay State Road, Boston.
Dr. Timothy Leary, Pathologist, 43 Bay State Road, Boston.
Dr. Alton Graybiel, Cardiologist, 270 Commonwealth Avenue, Boston.

ANESTHETIST

Dr. William A. Noonan, 270 Commonwealth Avenue, Boston.

CARDIOLOGY

Dr. Joseph A. Bruschi, Cardiologist, 843 Massachusetts Avenue, Cambridge.
Dr. Edward Barron, Assistant Cardiologist, Slater Building, Worcester.

REPORT OF THE SUPERINTENDENT

The year 1938 was a very busy one. The Hospital was filled to capacity the entire year. We are looking forward to the completion of our new obstetrical building which will accommodate ninety maternity cases, and we hope that this will do much toward relieving the present crowded condition in the main building.

The wards are now completely equipped with curtain cubicles which add greatly to the comfort of the patients.

REPORT OF THE SCHOOL OF NURSING, 1938

Nineteen thirty-eight was a memorable year not only because of its many educational and social activities but also because it marked the twentieth anniversary of the foundation of the School of Nursing. The alumnae of the School sponsored a reunion dinner dance at the Hotel Commander, which brought together a very representative group of graduates as well as most of the physicians who have served through the years. It was on this occasion that our chief of staff spoke so prophetically, stressing the need of and great advantage to the community of a new obstetrical building. Ground for the new Cahill Building was broken a few months later.

Thirty-five students entered the School of Nursing in the January and September classes of this year. Of these, twenty-five are continuing their course, ten having resigned because of inability to meet either the physical or the scholastic requirements of a student nurse's life.

November brought the annual Massachusetts State Nurses' Convention. All of our graduates are encouraged to keep themselves abreast of the nursing times, so many attended the various sessions as usual. This year, however, our state nursing organi-

zation also was having a birthday, its thirty-fifth, so a departure from the usual procedure of limiting the attendance at the banquet to graduate nurses was made. Our student body responded to the invitation extended to student nurses and sent two senior nurses to represent them.

For some months there had been signs and sounds of construction as a tunnel wove its way through the grounds from the nurses' home to the Hospital. The morning after Thanksgiving, when outdoor walking was made so precarious by the ice storm of the previous night, reporting "on duty" at seven o'clock held no terrors for our nurses as they used the new tunnel for the first time and fully appreciated its shelter.

Twelve graduates received diplomas from His Honor, John W. Lyons, Mayor of Cambridge, at the graduation exercises on December 7. Mr. Paul Hillery, chairman of the Board of Trustees of the Hospital, presided at the exercises, which included the presentation of the class gift, a radio for the use of the students, and ended with the recitation of the Florence Nightingale Pledge by the 1938 graduates of the School.

Owing to the increased enrollment of students in the School of Nursing the addition of another instructor to the staff became imperative. Mrs. Gertrude MacDonald Deery entered upon her duties as Nursing Arts' Instructor on December 12.

The whole-hearted coöperation of our graduates and students in the effort to give our patients memories of a happy Christmas away from home is always very evident. Christmas trees were bedecked and holly hung. By seven o'clock Christmas Eve all extraneous activity ceased and the Hospital was lit only by the jewel lights of the Christmas trees. Then with flickering candles, gay with holly, our nurses wended their way, two by two, through the darkened corridors, through each ward, singing Christmas carols.

Christmas Day itself brought a fitting climax to the waning year. Each gaily decorated breakfast tray bore a gift from His Honor, John W. Lyons, Mayor of Cambridge. Then a very jovial Santa Claus, our Mr. Dwyer from Ward A, made his rounds with an overflowing pack of gifts, all of which had been purchased with money raised by the nurses. Each adult patient received a useful gift, daintily packaged previously by the preliminary students. Children's Ward was the last on "Santa's" list. It was

a never-to-be-forgotten sight to watch the children's eyes light up as "Santa" handed them a coveted doll or train, and then to listen to their exclamations of delight as they opened the packages containing a warm bathrobe, bright sweater and mittens, which on cold days after their return home would be a reminder of a happy Christmas Day spent at the Cambridge City Hospital.

Respectfully submitted,

GERTRUDE D. STAPLETON,
Superintendent.

ANNUAL REPORT OF SOCIAL SERVICE DEPARTMENT FOR THE YEAR 1938

There were 1,800 patients referred to the Social Service Department during 1938. Of this number 1,103 were contacted through the various clinics in the Out-Patient Department, and the remainder — 697 — were patients admitted to the wards.

The needs of persons coming to the clinics involve a variety of problems, such as transportation to the clinic in cases where physical disability makes reporting impossible. The Department is deeply grateful to the Cambridge Chapter of the Red Cross for placing its motor corps at its disposal. For assistance in family problems which involve more than medical needs we are indebted to the Family Welfare Society and the Cambridge Branch of the Catholic Charitable Bureau. These agencies have made it possible in many instances to carry on a long time plan for a family in distress.

The Department itself has made approximately 2,309 visits during the year to patients in their homes, or to relatives or interested friends whose contact was necessary to secure advice and information in planning for patients. There were 4,380 office calls and an average of 4,200 visits to patients on the wards during 1938.

As a major function of the Department is planning for discharged patients it may be of interest to state there were 67 adult patients sent to convalescent homes; 72 children planned for either in Wellesley Convalescent Home, Children's Island Sanatorium, Sunlight Hospital, Farrington Memorial, or placed through child-placing agencies. The Children's Mission to Children has helped us most effectively with our rheumatic heart children requiring

long time placement. There were 55 "chronic patients" placed in suitable homes. Some of this number fall into the Old Age Assistance Group, and we are deeply appreciative of the coöperation of that Bureau in assistance in planning for the aged chronic sick.

Respectfully submitted,

BEATRICE K. QUINN,
Director of Social Service.

CLINICAL LABORATORY REPORT

The following is a report of the work conducted in the Clinical Laboratory of the Cambridge City Hospital for the year 1938.

On May 16, 1938, Dr. Leon K. Baldauf was appointed full time pathologist in charge of the Laboratory.

On August 7, 1938, Dr. Ruth M. Easterling was appointed as technician in charge of tissues and bacteriology.

During the year the equipment of the Laboratory was increased to meet the demands of the new pathological work.

Appended is a detailed report of the examinations performed in the Laboratory during the year 1938.

Respectfully submitted,

LEON K. BALDAUF, M.D.,
Pathologist.

DETAILED REPORT OF CLINICAL LABORATORY

Ascitic fluid.....	1
Autogenous vaccines.....	4
Autopsies.....	129
Bacterial smears.....	866
Blood chemistry:	
Calcium.....	2
Nitrogen.....	941
Sugar.....	544
Uric acid.....	1
Blood counts:	
Red.....	4,063
White.....	3,869
Hemoglobin.....	4,071
Differentials.....	1,529
Platelets.....	13
Reticulocytes.....	39
Color indices.....	12
Bleeding and clotting times.....	96
Blood cultures.....	71
Blood fragility.....	1
Blood sedimentation.....	121
Blood serum volume.....	1
Blood typing.....	358
Cultures.....	83
Dark fields.....	6
Faeces.....	509
Galactose tolerance.....	4
Gastric analysis:	
Free HCl.....	20
HCl deficit.....	9
Total acidity.....	1
Lactic acid.....	11
Bile, blood, etc.....	14
Icteric indices.....	84
Metabolisms.....	157
Mosenthals.....	34
Paracentesis.....	8
Pericardial fluid.....	2
Pneumococcus typing.....	53
Renal function.....	64
Spinal fluid:	
Albumin.....	1
Cell count.....	15
Chlorides.....	21
Colloidal gold.....	14
Globulin.....	1
Protein.....	63
Sugar.....	13
Sputa.....	315
Takata-Ara.....	2
Thoracentesis.....	8
Tissues.....	774
Urines (routine).....	9,830
Acetones.....	1,459
Sugar — quantitative.....	487
Bence-Jones protein.....	1
Van den Bergh.....	3
Vomitus.....	3
Wassermanns.....	2,766
	<u>33,567</u>

BRIEF STATEMENT OF EXPENDITURES AND RECEIPTS

January 1, 1938 to December 31, 1938

Salaries.....	\$144,999.80
Services other than personal.....	17,181.32
Equipment.....	6,747.78
Supplies.....	112,338.64
Special items (including WPA projects).....	9,835.29
	<hr/>
	\$291,102.83
Received from patients January 1, 1938 to December 31, 1938.....	\$50,156.61

STATISTICS FROM JANUARY 1, 1938 TO DECEMBER 31, 1938

Total admissions to Hospital during the year.....	6,021
Surgical admissions.....	1,959
Medical admissions.....	1,222
Obstetrical admissions.....	797
Newborn admissions.....	702
Aural admissions.....	643
Orthopedic admissions.....	351
Oral admissions.....	19
Ophthalmic admissions.....	38
Pediatric admissions.....	286
Dermatological admissions.....	4
Daily average of patients in Hospital.....	180
Largest number of patients in Hospital in one day.....	211
Smallest number of patients in Hospital in one day.....	138
Patients treated in Out-Patient Department.....	17,990
Total number of visits to Out-Patient Department.....	54,808
Patients treated in Accident Room.....	9,602
Patients remaining in Hospital January 1, 1938.....	146
Patients remaining in Hospital December 31, 1938.....	170

DISCHARGES AND THEIR CLASSIFICATIONS

Year ending December 1938

Specific Infectious Diseases, General Diseases

Abscess of abdominal wall.....	3
Abscess of anti-cubital space.....	1
Abscess of arm.....	4
Abscess of foot.....	2
Abscess of groin.....	1
Abscess of hand.....	1
Abscess of hip.....	1
Abscess of inguinal region.....	1
Abscess, palmar.....	1
Abscess, thenar.....	1
Acne rosacea.....	1
Arthritis, acute.....	1
Arthritis, acute infectious.....	5
Arthritis, chronic infectious.....	1
Arthritis, gonorrheal.....	2
Carbuncle of buttock.....	2
Carbuncle of head.....	1
Carbuncle of lip.....	2
Carbuncle of neck.....	8
Cellulitis of arm.....	3
Cellulitis of elbow.....	2
Cellulitis of eyelid.....	1
Cellulitis of face.....	5
Cellulitis of foot.....	7
Cellulitis of forearm.....	1
Cellulitis of hand.....	4
Cellulitis of head.....	1
Cellulitis of heel.....	1
Cellulitis of leg.....	9
Cellulitis of nose.....	2
Cellulitis of shoulder.....	1
Chancre.....	1
Coryza.....	2
Diphtheria.....	1
Dysentery, bacillary.....	1
Endometritis, gonorrheal.....	1
Epidermophytosis.....	2
Epididymitis, gonorrheal.....	1
Erysipelas of chin.....	1
Erysipelas of face.....	5
Erysipelas of leg.....	1
Erysipelas of neck.....	1
Felon of finger.....	1
Felon of thumb.....	1
Furuncle of auditory canal.....	1
Furuncle of axilla.....	1
Furuncle of back.....	1
Furuncle of chin.....	2
Furuncle of face.....	2
Furuncle of finger.....	3
Furuncle of jaw.....	1
Furuncle of nose.....	2
Furunculosis.....	10
Gonococcus infection.....	8
Impetigo contagiosa.....	7
Infections, acute.....	32

Infections, acute, upper respiratory	106
Influenza	4
Measles	6
Meningitis, meningococcus	1
Paratyphoid B	1
Paronychia	6
Pneumonia, broncho	155
Pneumonia, hypostatic	1
Pneumonia, lobar	56
Pneumonitis	2
Poliomylitis (old)	2
Pott's disease of spine	1
Rheumatic fever, acute	12
Salpingitis, gonorrheal	1
Scarlet fever	8
Scrofuloderma	1
Septicemia	2
Streptococcus infection	4
Syphilis	87
Tuberculosis of adrenal gland	1
Tuberculosis of epididymis	1
Tuberculosis of femur	1
Tuberculosis of ileum	1
Tuberculosis of kidney	1
Tuberculosis of lungs	58
Tuberculosis of spine	1
Typhoid fever	1
Ulcer of toes	1
Urethritis, gonorrheal	1
Vaccinia	1
Vaginitis, gonorrheal	3

Diseases Due to Animal Parasites

Encephalomyelitis, equino	1
Oxyuris vermicularis	1
Pediculi	5
Scabies	2
Tenia saginata	5
Tenia solium	1

Diseases of Metabolism and Deficiency

Acidosis, diabetic	2
Avitaminosis B	1
Diabetes mellitus	85
Gangrene, diabetic, of foot	2
Gangrene, diabetic, of toe	5
Gout	1
Nutritional deficiency	2
Obesity	23
Pellagra	4
Rickets	2
Scurvy	1
Ulcer, diabetic, of leg	1
Ulcer, diabetic, of toe	2
Vomiting, simple	1

Diseases Peculiar to Infancy

Cephalhematoma	1
Convulsions	2
Dehydration	1

Diarrhea	1
Hemorrhage, cerebral, due to birth injury	1
Indigestion, gastric, in infants	3
Malnutrition	16
Ophthalmia neonatorum, gonorrheal	3
Ophthalmia neonatorum, non-gonorrheal	25
Prematurity	5
Regulation of feeding	9

Diseases Due to Physical Agents

Burns	46
Exposure	1
Heat prostration	4
Sunburn	1

Poisonings. Intoxications.

Alcoholism, acute	145
Alcoholism, chronic	45
Drug intoxication	1
Poisonings, acute	16
Poisonings, chronic	4
Smoke inhalation	3

Tumors, Benign and Malignant

Adenocanthoma of uterus	1
Adenocarcinoma of prostate	1
Adenocarcinoma of uterus	2
Adenofibroma of breast	1
Adenoma of thyroid	2
Carcinoma of bladder	1
Carcinoma of breast	5
Carcinoma of caecum	8
Carcinoma of cervix	8
Carcinoma of epiglottis	2
Carcinoma of esophagus	1
Carcinoma of gall bladder	1
Carcinoma of larynx	1
Carcinoma of lung	2
Carcinoma of nose	1
Carcinoma of penis	1
Carcinoma of prostate	10
Carcinoma of recto sigmoid	1
Carcinoma of rectum	1
Carcinoma of scalp	1
Carcinoma of shoulder	1
Carcinoma of stomach	6
Carcinoma of tongue	4
Carcinoma of uterus	3
Carcinoma of vocal cord	1
Carcinomatosis	1
Chalazion of eye	1
Chorio-epithelioma of vaginal wall	1
Cyst of neck	1
Cyst of maxilla	1
Cyst of ovary	23
Cyst of thigh	1
Cyst of vagina	1
Cyst-adenoma of thyroid	1
Endometrioma of ovary	3
Endometrioma of uterine wall	1

Fibroid uterus.....	15
Fibroma of back.....	1
Fibrosarcoma of leg.....	1
Leiomyoma of uterus.....	1
Leiomyosarcoma of uterus.....	1
Lipoma of abdominal wall.....	1
Lipoma of arm.....	3
Lipoma of back.....	1
Lipoma of breast.....	1
Lipoma of flank.....	1
Lipoma of hip.....	1
Lipoma of knee.....	1
Lipoma of neck.....	2
Lipoma of scalp.....	1
Lipoma of shoulder.....	1
Lipomatosis of abdomen.....	1
Lymphosarcoma of groin.....	1
Nevus of ankle.....	1
Osteoma of finger.....	1
Paget's disease of breast.....	1
Papilloma of bladder.....	1
Papilloma of tongue.....	1
Polycystic kidneys.....	1
Polypus of cervix.....	2
Polypus of rectum.....	2
Polypus of uterus.....	1
Sarcoma of spine.....	1
Verruca.....	2
Wen of jaw.....	1
Wen of leg.....	1
Wen of neck.....	1

Congenital Malformations

Cryptorchidism.....	1
Cyst, brachial.....	1
Cyst, pilonidal.....	3
Cyst, thyroglossal.....	1
Hammer toe.....	3
Heart disease, congenital.....	2
Hypospadias.....	5
Imperforate hymen.....	1
Pilonidal sinus.....	11
Scoliosis, congenital.....	1
Spina bifida.....	1
Undescended testicle.....	6

Injuries

Abrasions.....	163
Avulsion of teeth.....	2
Amputation, traumatic, finger.....	5
Amputation, traumatic, hand.....	1
Concussion.....	133
Contusions.....	256
Dislocations.....	25
Dog bite.....	2
Epiphysitis of femur.....	1
Foreign body, abdominal wall.....	1
Foreign body, buttock.....	1
Foreign body, colon.....	1
Foreign body, finger.....	1

Foreign body, foot.....	1
Foreign body, hand.....	1
Foreign body, knee joint.....	1
Foreign body, orbit.....	1
Foreign body, thumb.....	1
Foreign body, wrist.....	1
Fractures, comminuted.....	12
Fractures, compound.....	21
Fractures, compound comminuted.....	6
Fractures, simple.....	296
Fracture of skull.....	29
Fracture of skull, compound.....	1
Fracture of skull, compound depressed.....	2
Hematomata.....	32
Hemorrhage, subconjunctival.....	1
Human bite of nose.....	1
Injuries, internal.....	1
Injuries, multiple.....	2
Injury to peripheral nerve.....	1
Insect bite.....	3
Laceration of brain.....	8
Rupture of ear drum.....	1
Rupture of internal cartilage.....	1
Rupture of ligament.....	2
Rupture of muscle.....	1
Rupture of semi-lunar cartilage.....	1
Rupture of spleen.....	2
Separation, acromio-clavicular.....	2
Separation, costochondral junction.....	1
Sprains.....	24
Strains.....	21
Ulcers, traumatic, of leg.....	1
Wounds, bullet.....	3
Wounds, lacerated.....	236
Wounds, lacerated, tendons.....	12
Wounds, perforated.....	1
Wounds, punctured.....	68

Diseases of the Skin

Abscess of ankle.....	1
Abscess of arm.....	2
Abscess of axilla.....	5
Abscess of back.....	2
Abscess of buttock.....	4
Abscess of cervical region.....	4
Abscess of face.....	1
Abscess of foot.....	2
Abscess of hand.....	1
Abscess of labia majora.....	1
Abscess of leg.....	2
Abscess of loin.....	1
Abscess of neck.....	3
Abscess, palmar.....	3
Abscess, perineal.....	2
Abscess, subcutaneous.....	1
Abscess of thigh.....	1
Acne rosacea.....	1
Acne vulgaris.....	1
Dermatitis allergic.....	1
Dermatitis exfoliativa.....	1

Dermatitis medicamentosa.....	1
Dermatitis unqualified.....	8
Dermatitis venenata.....	2
Eczema infantile.....	1
Epidermophytosis.....	3
Impetigo of chin.....	1
Impetigo of ear.....	1
Impetigo of face.....	3
Impetigo of legs.....	1
Impetigo of lip.....	1
Impetigo simplex.....	1
Impetigo of wrist.....	1
Keratosis (unqualified).....	1
Pityriasis rosea.....	1
Psoriasis.....	2
Pyodermia.....	1
Pyodenic granuloma.....	1
Rhus toxicodendron.....	1
Urticaria.....	2

Diseases of the Circulatory System

Adams-Stokes syndrone.....	1
Angina pectoris.....	5
Arteriosclerosis, general.....	111
Asthma, cardiac.....	3
Auricular fibrillation.....	47
Cardiac decompensation.....	28
Coronary occlusion.....	3
Endarteritis, obliterative.....	1
Endocarditis, bacterial.....	2
Endocarditis, chronic.....	3
Endocarditis, bacterial, subacute.....	1
Endocarditis, subacute.....	2
Extra systoles.....	5
Gangrene, arteriosclerotic, foot.....	2
Gangrene, arteriosclerotic, toe.....	3
Heart block.....	5
Heart disease, arteriosclerotic.....	105
Heart disease, hypertensive.....	69
Heart disease, hypertensive, with nephritis.....	2
Heart disease, hypertensive, without nephritis.....	19
Heart disease, rheumatic.....	41
Heart disease, syphilitic.....	1
Hypertension, essential.....	70
Hypertension, malignant.....	2
Hypertension, primary.....	11
Hypertension, secondary.....	18
Hypotension.....	1
Infarction of heart.....	2
Myocardial insufficiency.....	25
Myocarditis, acute.....	1
Myocarditis, chronic.....	25
Pericarditis, chronic (adhesive).....	1
Phlebitis.....	1
Phlebitis, lateral sinus.....	1
Phlebitis, leg.....	5
Thrombophlebitis.....	3
Thrombosis, brachial artery.....	1
Thrombosis, cerebral.....	1
Thrombosis, coronary.....	14

Thrombosis, femoral vein	2
Thrombosis, mesenteric	1
Valvular disease, chronic cardiac: mitral insufficiency	4
Valvular disease, chronic cardiac: mitral stenosis	6
Valvular disease, chronic cardiac: mitral insufficiency and stenosis	5
Varicose ulcer	20
Varicose veins	26
Ventricular extrasystoles	1

Diseases of the Lymphatic System

Abscess of cervical region	2
Abscess of groin	1
Abscess of inguinal region	4
Abscess of neck	1
Lymphadenitis, axillary region	2
Lymphadenitis, cervical region	30
Lymphadenitis, femoral region	1
Lymphadenitis, inguinal region	6
Lymphadenitis, submaxillary region	2
Lymphadenitis, mesenteric	1
Lymphangitis, arm	3
Lymphangitis, foot	1
Lymphangitis, leg	4

Diseases of the Blood and the Blood-Forming Organs

Anemia, aplastic	1
Anemia, pernicious	14
Anemia, secondary	97
Hodgkin's disease	1
Leukemia, chronic	2
Purpura hemorrhagica (Thrombopenic)	1
Purpura, toxic	1
Purpura (unqualified)	1
Splenomegaly	1

Diseases of the Endocrine Glands

Acromegaly	1
Adenoma of thyroid	1
Endocrine dysfunction	1
Goitre, adenomatous	1
Goitre, exophthalmic	2
Goitre, non-toxic	1
Goitre, toxic	2
Hyperthyroidism	4
Hypothyroidism	2
Myxedema	2
Pituitary dysfunction	1
Thyroiditis	1

Diseases of the Nervous System

Aphasia	1
Arteriosclerosis, cerebral	3
Chorea, Sydenham's	4
Convulsions	2
Degeneration, subacute: pernicious anemia	1
Delirium tremens	27
Dementia praecox	3
Dementia senile	4
Edema of brain	2
Edema, pia arachnoid	1

Encephalitis, facial	1
Epilepsy	19
Feeble-mindedness	1
Hallux valgus	1
Hemiplegia	21
Hemorrhage into cerebrum	12
Hemorrhage, subarachnoid	5
Hysteria	11
Idiocy, Mongolian	1
Meningitis, organism unknown	1
Migraine	1
Mongolism	1
Myalgia	1
Myositis	1
Narcolepsy	1
Neuralgia, coccygodynia	1
Neuralgia, sciatica	1
Neuralgia, trigeminal	2
Neurasthenia	3
Neuritis, alcohol	2
Neuritis, arm	1
Neuritis, multiple	3
Neurosis	4
Paralysis agitans	5
Paraplegia, spastic	1
Psychoneurosis, anxiety type	1
Psychoneurosis, hysterical type	6
Psychoneurosis, tic	1
Psychoneurosis, unknown type	2
Psychosis, acute	1
Psychosis, alcoholic	6
Psychosis, arteriosclerotic	2
Psychosis, involution melancholia	1
Psychosis, senile	1
Psychosis, unclassified	7
Sclerosis, cerebral	1
Senility	13
Singultus	1
Syncope	12
Thrombosis, cerebral	15
Torticollis	2
Vertigo	1

Diseases of Bones, Joints, Muscles, Tendons, and Fascia

Abscess, Brodies	1
Abscess of foot	1
Amputation of phalanges	1
Ankylosis of ankle	1
Ankylosis of hip	1
Ankylosis of knee joint	1
Ankylosis of wrists	1
Arthritis, acute	8
Arthritis, acute infectious	2
Arthritis, chronic	14
Arthritis, chronic infectious	15
Atrophy, cortical	1
Atrophy, extremities	1
Atrophy, metatarsal	1
Bursitis, olecranon	4
Bursitis, prepatellar	3

Bursitis, radius	1
Bursitis, shoulder	2
Contraction, Dupuytren's	1
Contracture, fingers	2
Deformity due to poliomyelitis, foot	1
Effusion, ankles	1
Effusion, elbow	1
Effusion, knee	1
Epiphysitis, femur	1
Epiphysitis, tibia	1
Ganglion, wrist	2
Hallux valgus	6
Kyphosis	1
Loose cartilage of knee	1
Necrosis of coccyx	1
Osteitis deformans	1

Diseases and Injuries of the Eye and the Ear

Diseases of the Eye

Abscess, post aural	1
Amaurosis	1
Atrophy, optic nerve	1
Blepharitis	2
Cataracts	16
Conjunctivitis, subacute	2
Conjunctivitis, unqualified	6
Contusion of eye	1
Dacryocystitis	1
Deafness	2
Esotropia	2
Foreign body, conjunctival sac	1
Furuncle of canal	1
Glaucoma	4
Hemorrhage of labyrinth (Meniere's Disease)	2
Hordeoli	1
Impaired hearing	1
Iritis, traumatic	1
Iritis, unqualified	2
Keratitis	1
Labyrinthitis, chronic	1
Laceration of cornea	1
Mastoiditis, acute	19
Mastoiditis, chronic	13
Myopia	1
Otitis media, acute	79
Otitis media, chronic	22
Otitis media, subacute	1
Prolapse of iris	1
Ptosis of lid	3
Retinitis, diabetic	2
Rupture of ear drum	1
Strabismus	5
Ulcer of cornea	1
Wound bullet, eyelid	1
Wound perforated, cornea	1

Diseases of the Nose and Accessory Sinuses

Deviation of nasal septum	12
Epistaxis	6

Ethmoiditis, acute	2
Ethmoiditis, chronic	1
Hypertrophy of turbinate	1
Perforated nasal septum	2
Rhinitis, acute	4
Rhinitis, chronic	1
Sinusitis, acute	1
Sinusitis, chronic	23

Diseases of the Mouth, Lips, Cheeks, Pharynx, Tonsils and Palate

Abcess, peritonsillar	17
Hypertrophy of adenoids	2
Hypertrophy of tonsils	18
Hypertrophy of tonsils and adenoids	531
Parotitis	4
Pharyngitis, acute	24
Tonsillitis, acute	52
Tonsillitis, chronic	3
Tonsillitis, follicular	8
Vincent's angina	5

Diseases of the Jaw, Teeth and Gums

Abcess, alveolar	7
Abcess, tooth	3
Caries of teeth	13
Pyorrhea	6

Diseases of the Esophagus

Varix, esophageal	2
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Diseases of the Stomach

Feeding, improper	3
Gastritis	11
Gastritis, alcoholic	5
Pyloric stenosis	1
Uleer of stomach	17
Ulcer of stomach, perforating	2

Diseases of the Intestines

Adhesions, abdominal	1
Adhesions, duodenum	1
Adhesions, peritoneal	2
Adhesions, post operative	3
Appendicitis, acute	132
Appendicitis, acute with abscess	3
Appendicitis, acute with perforation	12
Appendicitis, acute with peritonitis	5
Appendicitis, chronic	26
Appendicitis, subacute	36
Colitis	2
Colitis, mucous	1
Colitis, ulcerative	2
Coloptosis	1
Constipation	49
Diarrhea	1
Diverticulitis of colon	5
Enteroptosis	1
Fistula, fecal	2
Gangrene of colon	1
Gastritis, alcoholic	1

Gastritis, chronic.....	1
Gastro enteritis.....	57
Impacted feces.....	2
Indigestion.....	3
Intussusception.....	1
Obstipation.....	1
Obstruction, intestinal, acute.....	6
Paralytic ileus.....	3
Ulcer, duodenal.....	38
Ulcer of intestine.....	1
Volvulus.....	1

Diseases of the Liver and Biliary Tract

Cholangitis.....	2
Cholecystitis, acute.....	8
Cholecystitis, chronic.....	17
Cholelithiasis.....	29
Cirrhosis of liver.....	8
Cirrhosis of liver, alcoholic.....	4
Cirrhosis of liver, infectious.....	1
Cirrhosis of liver, luetic.....	1
Colic, biliary.....	1
Hepatitis, acute.....	2
Hypertrophy of liver.....	1
Jaundice infectious (catarrhal).....	14

Diseases of the Pancreas

Pancreatitis, acute.....	2
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Diseases of the Abdomen and Peritoneum in General

Abscess, inguinal region.....	1
Abscess, retroperitoneal.....	1
Adhesions, cervical.....	1
Adhesions, pelvic.....	2
Ascites.....	5
Hemorrhage, intra abdominal.....	1
Hernia, epigastric.....	1
Hernia, femoral (strangulated).....	2
Hernia, inguinal.....	61
Hernia, inguinal (strangulated).....	3
Hernia, internal.....	1
Hernia, umbilical.....	4
Hernia, ventral.....	12
Peritonitis, general.....	2
Peritonitis, pelvic.....	1

Diseases of the Rectum and Anus

Abscess, ischio rectal.....	11
Abscess, perianal.....	1
Abscess, perirectal.....	6
Abscess, rectal.....	1
Fissure of anus.....	5
Fistula in ano.....	7
Hemorrhoids.....	25
Proctitis.....	2
Relaxed spincter ani.....	1

Diseases of the Larynx

Abscess, epiglottis.....	1
Laryngitis, acute.....	4

Diseases of the Trachea and Bronchi

Bronchiectasis	1
Bronchitis, acute	22
Bronchitis, asthmatic	1
Bronchitis, tracheo	2
Bronchitis, unqualified	4

Diseases of the Lungs

Abscess of lung	3
Congestion of lung	3
Edema of lung	7
Embolism, pulmonary	2
Emphysema	7
Fibrosis of lung	1
Hemoptysis	1
Infarct of lung, hemorrhagic	1
Pneumocystosis	1

Diseases of the Pleura and Mediastinum

Empyema of pleura	19
Hemothorax	2
Hydrothorax	2
Hydropneumothorax	1
Pleurisy with effusion	13
Pleurisy, acute fibrinous	8
Pleurisy, serofibrinous	5
Pneumothorax	2

Diseases of the Kidney and Ureter

Abscess, kidney	2
Abscess, perinephric	1
Calculus, ureteral	5
Colic, renal	2
Glomerulonephritis, chronic	2
Hydronephrosis	6
Infarcts of kidney	1
Kinked ureter	1
Nephritis, acute	2
Nephritis, arteriosclerotic	1
Nephritis, chronic	12
Nephritis, chronic with edema	4
Nephritis, chronic without edema	5
Nephrolithiasis	1
Nephroptosis	3
Pyelitis	32
Pyelonephritis	8
Pyonephrosis	5
Renal calculi	1
Uremia, acute	6
Uremia, chronic	4
Ureteral calculus	2

Diseases of the Bladder

Cystitis, acute	7
Cystitis, chronic	8
Enuresis, functional	1
Foreign body, bladder	1
Retention of urine	8

Spinal cord bladder.....	1
Trigonitis.....	2

Diseases of the Urethra, Male and Female

Caruncle of urethra.....	1
Retention of urine.....	1
Stricture of urethra.....	6

Diseases of the Male Generative Organs

Abscess of prostate.....	1
Balanitis.....	3
Epididymitis, acute.....	3
Hydrocele.....	11
Hypertrophy of prostate.....	25
Paraphimosis.....	2
Phimosis.....	39
Prostatitis, acute.....	1
Prostatitis, chronic.....	1
Redundant prepuce.....	2
Ulceration, glans penis.....	1
Undescended testicle.....	2
Vesiculitis, acute.....	1

Diseases of the Female Generative Organs

Abscess, Bartholin's.....	1
Abscess, pelvic.....	7
Abscess, vulvo-vaginal.....	5
Dysmenorrhea.....	7
Endocervicitis.....	31
Endometritis.....	16
Erosion of cervix.....	3
Fistula, recto vaginal.....	1
Fistula, vesico vaginal.....	1
Hydatid mole.....	1
Hyperplasia, uterine mucosa.....	1
Laceration of cervix uteri.....	11
Laceration of pelvic floor.....	1
Menopause.....	6
Menorrhagia.....	7
Menstruation.....	1
Metritis, acute.....	1
Metrorrhagia.....	3
Pelvic inflammation.....	53
Procidentia.....	1
Prolapse of ovary.....	1
Pyosalpinx.....	2
Relaxed pelvic floor with cystocele.....	3
Relaxed pelvic floor with rectocele.....	2
Relaxed pelvic floor with cystocele and rectocele.....	7
Relaxed pelvic floor with procidentia.....	2
Relaxed pelvic floor with prolapse of uterus.....	3
Retroflexion of uterus.....	1
Retroversion of uterus.....	19
Ruptured graafian follicle.....	1
Ruptured ovarian follicle.....	2
Salpingitis, acute.....	2
Salpingitis, chronic.....	8
Salpingitis, subacute.....	1
Stenosis of cervix.....	1

Ulcer of vulva.....	1
Vaginitis.....	2

Diseases and Conditions Peculiar to Pregnancy and the Puerperal State

Abortion.....	10
Abscess, pelvic.....	2
Hemorrhage, post partum.....	1
Hemorrhage, premature separation of placenta.....	1
Hyperemesis gravidarum.....	4
Miscarriage.....	79
Newborn infants.....	687
Newborn infants delivered at home.....	5
Parturition.....	710
Parturition delivered at home.....	3
Pregnancy, extra uterine.....	6
Pregnancy, normal.....	109
Pyelitis of pregnancy.....	2
Retained secundines.....	6
Sapremia.....	1
Stillborn.....	20
Subinvolution of uterus.....	4

Diseases of the Breast, Male and Female

Abscess of breast.....	7
Mastitis, acute.....	2
Mastitis, chronic, cystic.....	1
Paget's disease of breast.....	1

Allergy

Asthma, allergic.....	1
Asthma, bronchial.....	48
Serum sickness following antitetanus serum.....	14
Serum sickness following arsphenamine.....	1
Shock, anaphylactic.....	2
Urticaria.....	1

Abnormalities of Urine

Glycosuria.....	1
Hematuria.....	4

Ill-Defined, or Unclassified Diseases

Anasarca.....	4
Coma (cause unknown).....	1
Debility.....	1
Decubitus.....	3
Deferred.....	18
Exhaustion.....	1
Gangrene, abdominal wall.....	1
Gangrene, pelvic tissues.....	1
Hemorrhage, post operative.....	4
Immersion.....	1
Malingering.....	1
Nervous exhaustion.....	1
No diagnosis.....	1
No disease.....	10
Shock, electrical.....	2
Shock, operative.....	1
Shock, surgical.....	9
Shock, traumatic.....	3
Suicide, attempted.....	13

OPERATING ROOM RECORD

Specific Infectious Diseases. General Diseases

Abscess, abdominal wall.....	2
Abscess, ante-cubital space.....	1
Abscess, arm.....	1
Abscess, elbow.....	2
Abscess, foot.....	2
Abscess, groin.....	1
Abscess, inguinal region.....	1
Abscess, thenar.....	1
Abscess, thigh.....	1
Carbuncle of buttock.....	1
Carbuncle of neck.....	1
Cellulitis of arm.....	2
Cellulitis of eyelid.....	1
Cellulitis of foot.....	1
Cellulitis of hand.....	2
Cellulitis of leg.....	2
Felon of finger.....	1
Felon of thumb.....	1
Furuncle of axilla.....	1
Furunculosis.....	1
Infections, acute.....	8
Paronychia.....	2
Tuberculosis of epididymis.....	1
Tuberculosis of ileum.....	1
Tuberculosis of lungs.....	9

Diseases of Metabolism and Deficiency

Gangrene, diabetic, of foot.....	1
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Diseases Due to Physical Agents

Burns.....	1
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Tumors, Benign and Malignant

Adenocanthoma of uterus.....	2
Adenocarcinoma of prostate.....	1
Adenocarcinoma of uterus.....	4
Adenofibroma of breast.....	1
Carbuncle of neck.....	4
Carcinoma of breast.....	3
Carcinoma of caecum.....	3
Carcinoma of cervix.....	8
Carcinoma of epiglottis.....	1
Carcinoma of gall bladder.....	1
Carcinoma of larynx.....	1
Carcinoma of nose.....	1
Carcinoma of penis.....	1
Carcinoma of prostate.....	2
Carcinoma of recto sigmoid.....	1
Carcinoma of rectum.....	4
Carcinoma of scalp.....	1
Carcinoma of shoulder.....	1
Carcinoma of stomach.....	1
Carcinoma of uterus.....	4
Carcinoma of vulva.....	1
Carcinomatosis.....	1
Chorio-epithelioma, vaginal wall.....	1
Cyst, branchial.....	1

Cyst, neck.....	1
Cyst, ovary.....	10
Cyst, thigh.....	1
Cyst, thyroglossal.....	1
Cystadenoma, thyroid.....	1
Endometriosis, ovary.....	2
Fibroid uterus.....	19
Fibroma of breast.....	1
Fibrosarcoma of leg.....	1
Hypernephroma.....	1
Leiomyoma of uterus.....	1
Leiomyosarcoma of uterus.....	1
Lipoma of arm.....	1
Lipoma of breasts.....	1
Lipoma of flank.....	1
Lipoma of hip.....	1
Lipoma of knee.....	1
Lipoma of neck.....	2
Lipoma of scalp.....	1
Lipoma of shoulder.....	1
Nevus, ankle.....	2
Papilloma of tongue.....	1
Polypus of cervix.....	1
Polypus of rectum.....	1
Polypus of uterus.....	1
Wen of neck.....	1

Congenital Malformations

Cryptorchidism.....	1
Cyst, pilonidal.....	4
Hammer toe.....	2
Imperforate hymen.....	1
Megacolon.....	1
Pilonidal sinus.....	8
Undescended testicle.....	1

Injuries

Amputation, traumatic, of finger.....	1
Amputation, traumatic, of hand.....	1
Dislocation of phalanx, compound.....	1
Dislocation of semi-lunar cartilage.....	1
Foreign body, abdominal wall.....	1
Foreign body, buttock.....	1
Foreign body, finger.....	1
Foreign body, hand.....	1
Foreign body, thumb.....	1
Foreign body, wrist.....	1
Fracture of femur.....	1
Fracture of femur, comminuted.....	1
Fracture of fibula, compound.....	1
Fracture of humerus.....	1
Fracture of mandible.....	1
Fracture of olecranon.....	1
Fracture of patella.....	1
Fracture of patella, comminuted.....	1
Fracture of patella, compound.....	1
Fracture of patella, compound comminuted.....	1
Fracture of phalanx, compound.....	3
Fracture of radius.....	3
Fracture of radius and ulna, compound.....	3

Fracture of skull, compound.....	1
Fracture of skull, compound depressed.....	1
Fracture of tibia, compound comminuted.....	1
Fracture of tibia and fibula.....	1
Fracture of tibia and fibula, compound.....	4
Rupture of internal cartilage.....	1
Rupture of ligaments.....	1
Rupture of liver.....	1
Rupture of spleen.....	2
Severed tendons.....	3
Wounds, bullet.....	1
Wounds, lacerated.....	17
Wounds, perforated.....	1

Diseases of the Skin

Abscess, arm.....	1
Abscess, axilla.....	5
Abscess, back.....	1
Abscess, buttock.....	5
Abscess, cervical.....	2
Abscess, hand.....	1
Abscess, loin.....	1
Abscess, palmar.....	3
Abscess, perineal.....	2
Abscess, submental.....	1

Diseases of the Circulatory System

Gangrene, arteriosclerotic, toe.....	1
Phlebitis, lateral sinus.....	1
Thrombophlebitis.....	1
Varicose ulcers.....	2
Varicose veins.....	5

Diseases of the Lymphatic System

Abscess, cervical region.....	2
Abscess, groin.....	1
Abscess, inguinal region.....	3
Abscess, neck.....	1
Lymphadenitis, axillary region.....	1
Lymphadenitis, cervical region.....	5
Lymphadenitis, inguinal region.....	1
Lymphangitis, foot.....	1

Diseases of the Endocrine Glands

Adenoma, thyroid.....	1
Goitre, exophthalmus.....	2
Hyperthyroidism.....	2

Diseases of the Nervous System

Neuralgia, trigeminal.....	1
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Diseases of Bones, Joints, Muscles, Tendons and Fascia

Amputation, phalanges.....	1
Bursitis, prepatellar.....	1
Contracture of fingers.....	2
Ganglion, wrist.....	1
Hallux valgus.....	3
Necrosis of coccyx.....	1
Osteomyelitis, femur, chronic.....	2
Osteomyelitis, fibula, acute.....	1

Osteomyelitis, finger, acute.....	3
Osteomyelitis, finger, chronic.....	2
Osteomyelitis, frontal bone, acute.....	1
Osteomyelitis, humerus, chronic.....	3
Osteomyelitis, ilium, chronic.....	1
Osteomyelitis, knee, acute.....	1
Osteomyelitis, tibia, acute.....	1
Tenosynovitis, finger.....	4

Diseases and Injuries of the Eye and the Ear. Diseases of the Eye

Cataract.....	7
Deafness.....	1
Esotrophia.....	2
Glaucoma.....	4
Laceration of cornea.....	1
Mastoiditis, acute.....	15
Mastoiditis, chronic.....	7
Otitis media, acute.....	1
Ptosis of eyelid.....	1
Strabismus.....	2
Wound, bullet, eyelid.....	1
Wound, perforating, cornea.....	1

Diseases of the Nose and Accessory Sinuses

Deviation of nasal septum.....	10
Sinusitis, chronic.....	4

Diseases of the Mouth, Lips, Cheeks, Pharynx, Tonsils and Palate

Abscess, peritonsillar.....	2
Hypertrophy of tonsils.....	5
Hypertrophy of tonsils and adenoids.....	521
Parotitis.....	1

Diseases of the Stomach

Pyloric stenosis.....	1
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Diseases of the Intestines

Adhesions, abdominal.....	1
Appendicitis, acute.....	124
Appendicitis, acute with abscess.....	3
Appendicitis, acute with perforation.....	12
Appendicitis, acute with peritonitis.....	12
Appendicitis, chronic.....	21
Appendicitis, subacute.....	31
Intussusception.....	1
Obstruction, intestinal.....	6
Perforation, diverticulum.....	1
Ulcer, duodenal.....	2

Diseases of the Liver and Biliary Tract

Cholecystitis, acute.....	1
Cholecystitis, chronic.....	4
Cholelithiasis.....	15

Diseases of the Abdomen and Peritoneum in General

Abscess, inguinal region.....	1
Adhesions, cervical.....	1
Hernia, femoral (strangulated).....	2
Hernia, inguinal.....	38
Hernia, inguinal (strangulated).....	3

Hernia, umbilical.....	1
Hernia, ventral.....	2
Hernia, ventral (strangulated).....	1
Peritonitis, general.....	1
Peritonitis, pelvic.....	1

Diseases of the Rectum and Anus

Abscess, ischio rectal.....	9
Abscess, perirectal.....	5
Fissure in ano.....	5
Fistula in anus.....	3
Hemorrhoids.....	10

Diseases of the Pleura and Mediastinum

Empyema of pleura.....	14
Pleurisy with effusion.....	2

Diseases of the Kidney and Ureter

Abscess of kidney.....	1
Pyonephrosis.....	1

Diseases of the Bladder

Foreign body in bladder.....	1
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Diseases of the Urethra, Male and Female

Caruncle of urethra.....	1
Stricture of urethra.....	2

Diseases of the Male Generative Organs

Balanitis.....	2
Hydrocele.....	4
Hypertrophy of prostate.....	17
Phimosis.....	25
Redundant prepuce.....	3

Diseases of the Female Generative Organs

Abscess, Bartholin's.....	1
Abscess, pelvic.....	4
Abscess, vulvo-vaginal.....	4
Dysmenorrhea.....	2
Endocervicitis.....	20
Endometritis.....	12
Fistula, vesico-vaginal.....	1
Hydatid mole.....	2
Hyperplasia, uterine mucosa.....	1
Laceration, cervix uteri.....	1
Laceration, pelvic floor.....	1
Pelvic inflammation.....	10
Procidencia.....	1
Relaxed pelvic floor with cystocele.....	1
Relaxed pelvic floor with cystocele and rectocele.....	3
Relaxed pelvic floor with prolapse of uterus.....	3
Retroversion of uterus.....	5
Ruptured ovarian follicle.....	1
Salpingitis, acute.....	1
Salpingitis, chronic.....	4
Stenosis of cervix.....	1

Diseases and Conditions Peculiar to Pregnancy and the Puerperal State

Abortion.....	2
Abscess, pelvic.....	1
Hemorrhage, premature separation of placenta.....	1
Miscarriage.....	43
Parturition, caesarean.....	23
Pregnancy, ectopic.....	6
Retained secundines.....	3

Diseases of the Breast, Male and Female

Abscess, breast.....	5
Paget's disease, breast.....	1

Ill-Defined, or Unclassified Diseases

Gangrene, abdominal wall.....	1
Hemorrhage, post-operative.....	1

DEATHS

Specific Infectious Diseases. General Diseases

Meningitis, pneumococcic.....	1
Pneumonia, broncho.....	13
Pneumonia, lobar.....	13
Septicemia.....	1
Syphilis of central nervous system, tabes dorsalis.....	1
Syphilis, congenital.....	1
Tetanus.....	1
Tuberculosis of lungs.....	2
Typhoid fever.....	1

Diseases of Metabolism and Deficiency

Diabetes mellitus.....	2
Pick-Niemann's Diseases.....	1

Diseases Peculiar to Infancy

Atelectasis neonatorum.....	2
Malnutrition.....	4
Prematurity.....	18

Poisonings. Intoxications

Alcoholism, acute.....	1
Alcoholism, chronic.....	1

Tumors, Benign and Malignant

Adenocarcinomatosis.....	1
Carcinoma, bladder.....	2
Carcinoma, breast.....	2
Carcinoma, cervix.....	1
Carcinoma, gall bladder.....	1
Carcinoma, liver.....	1
Carcinoma, lung.....	2
Carcinoma, pancreas.....	1
Carcinoma, prostate.....	5
Carcinoma, rectum.....	2
Carcinoma, sigmoid.....	1
Carcinoma, stomach.....	3
Carcinoma, uterus.....	1
Hypernephroma.....	1

Congenital Malformations

Anencephalus.....	1
Heart disease, congenital.....	1
Hydrocephalus.....	1
Megacolon.....	1
Spina bifida.....	1

Injuries

Fracture of femur.....	3
Fracture of maxilla.....	1
Fracture of skull.....	10
Fracture of tibia and fibula.....	1
Laceration of brain.....	2
Rupture of liver.....	1
Rupture of urethra.....	1
Severed tendons.....	1

Diseases of the Circulatory System

Arteriosclerosis, general.....	17
Cardiac decompensation.....	3
Coronary occlusion.....	2
Dilatation of heart, acute.....	1
Heart disease, arteriosclerotic.....	19
Heart disease, hypertensive.....	7
Heart disease, hypertensive with nephritis.....	6
Heart disease, hypertensive without nephritis.....	7
Heart disease, rheumatic.....	14
Hypertension, essential.....	2
Hypertension, malignant.....	1
Hypertension, primary.....	1
Myocarditis, acute.....	1
Myocarditis, chronic.....	3
Rupture of aortic aneurysm.....	1
Thrombosis, coronary.....	8
Thrombosis, mesenteric.....	1

Diseases of the Blood and Blood-Forming Organs

Anemia, pernicious.....	1
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Diseases of the Endocrine Glands

Hyperthyroidism.....	1
Status lymphaticus.....	1

Diseases of the Nervous System

Delirium tremens.....	1
Hemorrhage into cerebrum.....	19
Hemorrhage, subarachnoid.....	2
Thrombosis, cerebral.....	4

Diseases of the Mouth, Lips, Cheeks, Pharynx, Tonsils and Palate

Pharyngitis, acute.....	1
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Diseases of the Stomach

Pyloric stenosis.....	1
Ulcer of stomach.....	1
Ulcer of stomach, perforating.....	3

Diseases of the Intestines

Appendicitis, acute.....	7
Appendicitis, acute, with peritonitis.....	2

Obstruction, intestinal, acute.....	8
Perforated diverticulum.....	1
Ulcer, duodenal.....	1
Volvulus.....	1

Diseases of the Liver and Biliary Tract

Cirrhosis of liver.....	6
Cirrhosis of liver, alcoholic.....	2
Jaundice, obstructive.....	1

Diseases of the Abdomen and Peritoneum in General

Abscess, retroperitoneal.....	1
Hernia, inguinal (strangulated).....	1
Hernia, ventral (strangulated).....	1
Peritonitis, general.....	5

Diseases of the Trachea and Bronchi

Bronchitis, tracheo.....	1
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Diseases of the Lungs

Abscess of lung.....	1
Atelectasis of lung.....	1
Edema of lung.....	3
Embolism, pulmonary.....	3
Emphysema.....	1
Gangrene of lung.....	1

Diseases of the Pleura and Mediastinum

Empyema of pleura.....	1
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Diseases of the Kidney and Ureter

Glomerulonephritis, acute.....	1
Glomerulonephritis, chronic.....	3
Nephritis, chronic.....	4
Nephritis, chronic, with edema.....	2
Pyelonephritis.....	4
Uremia, acute.....	3
Uremia, chronic.....	1

Diseases of the Urethra, Male and Female

Stricture of urethra.....	1
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Diseases of the Male Generative Organs

Abscess of prostate.....	1
Hypertrophy of prostate.....	3

Diseases and Conditions Peculiar to Pregnancy and the Puerperal State

Hemorrhage, post-partum.....	1
Hemorrhage, premature separation of placenta.....	1
Stillborn.....	20
Toxemia of pregnancy with convulsions.....	1

Ill-Defined, or Unclassified Diseases

Suicide.....	1
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REPORT OF CAMBRIDGE YOUTH COMMISSION

January, 1939

To His Honor the Mayor and the City Council:

Acting under the provision of Section 3 of the city ordinance establishing the Cambridge Youth Commission, which calls for a report in January, I am submitting this report in behalf of the Commission.

Respectfully yours,

BERTHA L. GOLDTHWAITE,
Secretary.

The Commission was appointed March 24, 1938, and consists of the following: Thomas J. Murphy, Chairman, Bertha L. Goldthwaite, Secretary, Joseph E. Bandzul, Ingolf V. Bockman, Rev. John A. Butler, Joseph Cashman, Charles T. Cavanaugh, Carroll L. Chase, Bernard T. Duffy, Frank J. Frisoli, Selma Griffith, Grace Fair MacDonald, Stephen H. Mahoney, Samuel B. Mannos, Marie L. Petersen.

The Commission held its first meeting on May 4, 1938 and has met twice each month since that date, fifteen meetings in all having been held. Before any definite recommendation was prepared for submission to the Mayor with reference to the future activities of the Commission, it was decided to invite various individuals experienced in the field of public and private welfare to attend our meetings, and give us the benefit of their opinion and advice as to our future plans.

The Commission composed of fifteen members was divided into five separate sub-committees to survey the following: Child Delinquency, Health, Municipal Recreation, Citizenship Training, Vocational Guidance.

Careful and comprehensive studies of each of these problems for youths in the city between the ages of three to twenty-one years in every section of the city have brought certain needs into focus. The Commission is giving its conclusions in regard to them and making recommendations concerning the most effective ways of solving them.

CHILD DELINQUENCY

The obvious conclusions to be gained in the following report is not what we expect shall act as a cure-all for all minor boys and girls, but rather what conditions we find exist in our own community and with the means at hand how we may be able to cope with the situation presented by the facts.

Appended to this report is a general summary of delinquent complaints in Cambridge compiled by the Probation Department of the Third District Court of Eastern Middlesex by Miss Stone, together with a breakdown according to age and year for the past decade. This tabulation shows the marked decrease in the first six months of the year 1938. It is to be noted that the decline is in no small measure if not entirely due to the new delinquency squad set-up.

During the summer months while the Youth Commission was holding hearings on the various activities relative to the delinquency of youth in this city, it came to our notice that the troublesome boys and girls coming to the attention of the police squad were those very lax in their church duties and quite generally members of large or poor families. Lack of proper care, food and parental watchfulness resulted inevitably in waywardness.

It is suggested by the Commission that the visitation of homes of offenders be made and the follow-up system so-called applied. A more severe and stricter censorship of movies be invoked. Reports to the juvenile court be detained for as long a time as feasible under all the circumstances.

In order to carry out some of the ideas of the Commission with relation to keeping young folks off the street as much as possible this Committee makes the following suggestions:

- (1) Moving picture shows at playgrounds (indoor).
- (2) Russell Field open in North Cambridge at times when not used by school teams and during closed season.
- (3) Police supervision over licenses for shine and newsboys.
- (4) Revive and enforce the curfew (9.30 p.m.) for children under fourteen years of age.
- (5) More emphasis on summer camps and day camps.

Proper supervision of playgrounds and outside school activities are absolutely necessary in the successful advancement of youth problems.

At a small expenditure of money and with the aid of WPA labor the Committee suggests that

(a) Bathing or wading pools be established in congested areas.

(b) Additional handball and tennis facilities be provided.

(c) Track for roller skating.

(d) Play streets set aside where no playgrounds are accessible.

(e) Special safety lectures (Massachusetts Safety Council).

It is, therefore, also of considerable importance that a community house be constructed back of the new housing project known as "Newtowne Court." The lack of proper supervision and showers in the East Cambridge playground needs immediate attention and correction.

In view of the fact that the court records show that the most trouble occurs on Saturdays, the attention of public and private agencies is called to the importance of finding attractive programs for youth on Saturday afternoons.

The area around Allston Street and Brookline Street has nothing to offer the numbers of young girls in that area and the establishment of a neighborhood house in that section would be productive of great good. The lack of such a facility invites the peril of sex crime.

The records of the Court show an increase in arrests of drunkenness among women to the extent of two hundred per cent since repeal; in consequence thereof a more rigid supervision of taverns is expected by the police and licensing board to remedy this increasing evil.

No provision is made to assist the young girls in temporary custody by order of the Court. There are extreme cases which require special care, i.e. when the girl accuses father-in-law of sex crime, and child cannot stay at home, or feeble-minded girls; therefore, in place of committing her to jail as at present is necessary, some provision for funds to board suitably such a case is absolutely essential.

The further necessity for special provision for a woman gynecologist to examine young girls in court cases needs no elaboration. Examination by the opposite sex has sometimes caused irreparable harm. This can be established on a part time or case basis at a relatively small cost.

All the matters incorporated in this report of necessity are

subject to the proposition of trial and error, and the fulfillment of the program as outlined would tend to mark a forward looking step in the amelioration of some of the abuses of caring for our growing boys and girls in their spare time and tend to direct their capabilities along proper channels, thereby keeping them from the ignominy of a court record and court procedure.

In conclusion, we recommend that a big brother organization be established in the various sections of the city and that responsible adults be assigned certain boys coming to the attention of the police squad to assist in prevention of further crime and to help in conjunction with all other agencies existing for that purpose in steering the youth back to the proper path of civic and moral virtue.

HEALTH

Activities affecting the health of Cambridge youth seem to be concentrated in the hands of the Cambridge Board of Health, the Cambridge Anti-Tuberculosis Association, and the School Department of the City of Cambridge.

Board of Health: The Board of Health provides each school child a physical examination, once a year, by school physicians. A health record is kept for each child, and goes with the child from grade to grade, or school to school.

Diphtheria, a disease of childhood and youth, has been practically eradicated by means of the diphtheria tests and clinic inoculations.

It is hoped that in time the same may be said of tuberculosis. The Board of Health has coöperated with Dr. Chadwick of the State Health Commission and introduced into the schools the Von Pirquet tests and the Ten Year Study Plan. Furthermore, families where exposure to tuberculosis has occurred are examined at the dispensary provided for this purpose. Children of such families are examined every six months.

There are dental, eye, heart, posture and tonsil clinics provided by the city. Most of these are operated so as to provide free medical attention for the indigent.

Cambridge Anti-Tuberculosis Association: The Association is doing a remarkable piece of work. Its Sunshine Camp affords sixty days outdoor life under the proper adequate supervision for children who have been exposed to tuberculosis, as well as em-

phatic training in matters of diet and rest. The children are selected from recommendations based on tests and x-rays made at the municipal clinic. The same children are, furthermore, traced for five years afterwards to follow up the training provided them in Camp.

School Department: The School Department has made a very definite contribution to the mental health of the school children. Since 1925 qualified experts have been giving psychometric tests to the problem children of the schools — not so much the mentally deficient as the apparent misfit, the unhappy, surly, or unruly children who may prove to be unfortunately maladjusted to normal living. The children are sent to Miss Duffy and her assistants by a teacher or a principal usually, and occasionally by a school nurse or by one of the clinics. The first step is always a physical examination, complete in every detail; next the series of psychometric tests grading from general to individual ones. Almost invariably the cause of the child's difficulty comes to light. Some exceptionally successful adjustments have been made.

RECOMMENDATIONS

1. Educate parents to give permission for the tuberculosis test. Only 63 per cent of consents at present.

2. Educate parents in regard to *keeping* diphtheria out of the city. Only faithful use of Schick test can accomplish this.

3. Another physician to work on *posture alone* at hospital clinic. Also, more adequate equipment for posture work. At present the facilities at the Cambridge Hospital and at the Municipal Hospital are hopelessly insufficient.

4. Adequate facilities for eye clinic and examinations at the hospital. At present it is possible to get ten cases done a week.

5. More adequate facilities for throat and tonsil work.

6. Have city nurses and dentists lecture on health and sanitation in the schools. Expansion of health courses to all schools. At present there are no specific courses except at Rindge Technical High School.

7. Make it clear to *parents* that school tests and health programs should be supported.

8. Installation of a room in the high school or in some central spot for examinations (especially eyes).

MUNICIPAL RECREATION

Recreation program under Board of Park Commissioners, administrated through the Recreation Division.

Budgets (by way of comparison over period of years):

1929.....	\$49,500	1936.....	\$16,327
1930.....	47,490	1937.....	21,000
1931.....	36,146	1938.....	31,000

Relative to the year 1936:

Recreation program cost \$.0021	16,310
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All recreations (including maintenance, buildings, grounds, baths, etc.).

Staff: City Employees (1937): one superintendent, 15 male assistants, one secretary, 17 female assistants, two supervisors, two temporary supervisors, four directors (permanent), six life guards.

WPA: one superintendent, one assistant superintendent, 21 male assistants, six female assistants.

NYA: nine male assistants, 11 female assistants.

Facilities: 24 playgrounds: seven athletic fields, nine school yards, five neighborhood play yards, three non-municipal.

Beaches: Gerry's Landing, Jerry's Pit, Broadway Canal. Gardens (400 throughout city).

Wading Pools: Corporal Burns, J. J. Ahearn, Rindge (under construction), Norfolk Street, Armory Street.

Recreation Centers: Rindge Field, Corporal Burns, Russell E. Hoyt.

Field Houses: Russell Field, Cambridge Field.

Tennis Courts: five Rindge Field (1937), three Corporal Burns (1938), two Russell E. Hoyt (1938), three Cambridge Field (projected).

Golf Course: Fresh Pond — nine hole public course, Field Club House (projected) 1938.

Activities: Baseball, Basketball, Football, Soft Ball, Soccer, Volley Ball, Paddle Tennis, Relay Games, Group Games and Contests, Quoits, Tobogganning, Skating, Coasting (plans under construction), Handcraft, Music, Dancing, Dramatics.

Organized athletics for boys and girls: 65 to 80 Basketball teams. Tournaments, tennis and quoit and track meets.

Demonstrations, pageants, etc.

General Observation: Location of playgrounds as to congested

areas. Ward population and playground facilities are not relative. E.g. *rank in population* does not meet *rank in area*. However, ward lines are not true now because in some instances playground is near ward line. Cambridge standards as compared to standards of National Recreation Association are on par in relation to number, training, and activities.

Playground equipment of the present time (cf. budgets) is *fair*, but with the projected program conditions should be excellent (cf. Program of Board of Park Commissioners).

Program of Board of Park Commissioners: nine years ago the Board of Park Commissioners voted for a *Complete Recreational Unit* at several sections of the city, e.g. Cambridge Field, J. J. Ahearn, R. E. Hoyt, Corporal Burns, Fresh Pond, Observatory Hill, Cambridgeport, Harvard Square, Inman Square; but difficulty of focussing such units because of the need of taking property, etc.

There has been a temporary alternative in the linking up of the Cambridge schools, where facilities could be made adequate.

Possible Recommendations:

N.B. In order to understand the underlying factor in the following recommendations there must be an understanding of the financial limitations in the budget both in the year 1938 and recent past years.

A. Increased appropriations for Municipal Recreation in order:

1. To allow more permanent supervision and increase part-time work; more supervision for women's and girls' activities.
2. To raise the Recreation Division to a professional status, as against the "temporary job," which will result in a better trained staff and better program.
3. To broaden such mass activities, such as demonstrations, dramas, pageantry, music and other kindred activities.

B. Coöperation with the Cambridge Park and Recreation Department in the event of school construction.

C. Greater use of school facilities, especially where increased facilities exist.

D. Ratification of program now projected which calls for more building facilities, more wading pools, more permanent bleachers, more tennis courts, better surfacing of fields.

E. Increased police protection and supervision (night).

CITIZENSHIP TRAINING

At the present time we have in the City of Cambridge about a dozen smaller and larger organizations which interest themselves in girls' and boys' activities, such as: Boy Scouts, Girl Scouts, Y. M. C. A., Y. W. C. A., American Legion Junior Organization, Avon Home, American Legion Girls Auxiliary, East End Union, Boys' Band and Cadet Corps, Margaret Fuller House, Cambridge Community Center, Cambridge Neighborhood House. Also several smaller church groups or clubs.

These organizations offer to our boys and girls such leisure time activities as social meetings and entertainments of various kinds, band practice and military drill, sewing and cooking for girls and training in scoutcraft and out-of-door activities. Unfortunately only a very small percentage of our boy and girl population is attracted by these activities, and due to lack of facilities, equipment and leadership, many of our young people will not have the opportunity to attend such activities. The Committee therefore recommends that:

The education of Youth in our schools shall stress respect of public and private property.

Funds be available to increase and improve present facilities in neighborhood and community houses, to provide adequate and experienced assistants to carry on the work and increase equipment in order that an added number of children may have the advantage of valuable instruction in useful handicraft and other leisure time activities.

Similar community centers, public or private, be opened up and made available for the children of other congested districts now lacking such facilities.

VOCATIONAL GUIDANCE

The practical work of vocational guidance is still in its infancy. The purpose of the Youth Commission is to promote an interest in vocational guidance by study and conference, by the spreading of literature, and in whatever other ways seem feasible, and to aid and encourage practical work through private agencies and public schools.

While vocational guidance has in a way always existed, the idea of working out principles and carrying them into effect through the scientific efforts of social organization is new. Con-

sequently it is following the course of most new educational organizations or movements to educate the people up to the point of making it a public concern. It is manifestly a matter that should arouse the vital interest of parent, teacher, youth, and the industrial world. The multiplicity of occupations with their varied requirements, and the complexity of industrial conditions and demands, alike make it impossible for the feeble vision of youth or the untrained parent to choose wisely. No other public agency is as well fitted to handle the situation as are the schools, and by the usual process of elimination it is certain to be fastened on them.

In working with a group of boys of high school age there is no question more important than conserving their resources and making provisions for their economic independence and economic adjustment, particularly when the present economic set-up seems to have deprived youth of its right to decent occupation and a living wage. That it is more difficult today should not discourage those who are working with youth but should provide an impetus to more concentrated and intelligent action.

In recent years our high school youth, forced to leave school either by graduation or because of financial difficulties, have found it almost impossible to procure employment. Youth does not want subsidy in any of its forms — it wants an opportunity to make its way in the world with the ultimate object of establishing a home and having a sense of economic security. That youth has been deprived of the opportunity to fulfill that objective is no fault of the younger generation. Youth is not sufficiently stable emotionally to accept such a status and often enrolls in the school of despair and graduates into crime or becomes a member of radical groups who, to his inexperienced mind, offer him more than the present established method of government. In 1935 a conservative estimate placed the number of unemployed at ten million, a large percentage of which were young boys and young men. Crime increases during years of depression, and while our failure to provide a satisfactory means of vocational training and economic adjustment may mean an initial saving, it will just as surely mean an additional tax burden for jails, hospitals and insane asylums in later years.

Economic security and the social order depend upon satisfactory employment for those out of school and a promise for satisfactory employment for those who will graduate in a few

short years. The pay roll is of vastly more importance than the pauper roll.

The choice of a life career is one of the most important problems youth is forced to face and solve. It is not enough to gain from hearsay or by the "pick-up" method some knowledge of the many different occupations. Mere drifting into an occupation or vocation has caused many individual failures and a great loss to society. Careers must be chosen and planned intelligently by youth with the guidance of intelligent adult supervision.

In the vocational guidance program the emphasis should be placed upon preparation so that the youth of Cambridge will realize that unless they prepare themselves specifically they will have to stand aside and see those who are trained pass them by.

The method of approach to the question of guidance adopted by the Commission is fourfold: 1, a survey of the industrial field, especially the local field, to discover its demands and its opportunities; 2, a study of vocational aptitudes of the boys and girls who were soon to begin work; 3, an attempt to guide the youth in his choice of studies in preparation for his future career; 4, that of aiding the youth to secure the right kind of employment. These four aims constitute the central features of vocational guidance.

The survey of the industrial field requires a study of the leading industries and professions of the community to learn the number and nature of the various kinds of positions open to youth, the qualifications demanded and the initial wages paid, the chances of promotion offered, and the possibility of development of additional skill and culture while at work. This fund of information should be digested by the vocational counsellors and be accessible to the public. The knowledge gained in this industrial study must be spread through the teaching body and the community by lectures, pamphlets, and in any other ways found to be feasible.

The second phase, the study of the vocational aptitudes of boys and girls still in school. This can be done scientifically only by the coöperation of teachers, parents, and a vocational expert. The ambitions and ideals of children are gained largely through imitation and personal contact.

The third phase of guidance consists in advising the youth in his choice of studies in preparation for his future career. This

may well be done by teachers under the expert's direction. But while it is a function that may be delegated, it is of no little importance in securing definiteness of aim and continuity of school attendance on the part of pupils.

The final phase of vocational guidance is that of aiding the youth to secure the right kind of employment, and in follow-up work to secure his advancement. One of the most specifically helpful things a school system can do is to establish and run an employment bureau. Such a system should be in our high schools, and to a lesser extent in the grades. The result would be of direct benefit to pupils leaving school. It would likewise increase the efficiency of the schools and the quantity and quality of the economic and social product of human society.

Recommendations:

1. That a Placement Bureau be established.
2. That a Vocational Counsellor be appointed.

1930 RECORD

No.	Offense	Boys Under					Girls Under				
		12	13	14	15	16	12	13	14	15	16
6	Runaway.....	2	..	2	..	..	..	..	1	1	..
3	False alarm of fire.....	3	..	..	..	..	..	..	..	..	..
13	Stubborn.....	7	..	2	..	..	1	..	3	..	..
40	Larceny.....	14	10	13	1	1	1	..	..	..	..
8	Assault and battery.....	5	1	..	..	..	1	1	..	..	..
1	Lewdness.....	..	..	1	..	..	..	..	..	..	..
46	Breaking, entering and larceny.....	27	7	10	1	1	..	..	..	..	..
4	Breaking and entering.....	1	..	2	..	1	..	..	..	..	..
1	Wayward.....	1	..	..	..	..	..	..	..	..	..
1	Attempting to steal automobile.....	..	..	..	..	1	..	..	..	..	..
14	Trespass on railroad.....	2	5	3	1	1	2	..	..	..	..
1	Receiving stolen property.....	..	..	..	..	1	..	..	..	..	..
3	Disturbing the peace.....	..	2	..	..	..	..	..	1	..	..
7	Attempted breaking and entering.....	5	..	1	1	..	..	..	..	..	..
8	Breaking glass.....	2	3	2	1	..	..	..	..	..	..
1	Malicious injury to building.....	..	..	..	1	..	..	..	..	..	..
1	Throwing missile.....	..	..	1	..	..	..	..	..	..	..
1	Auto without authority.....	..	..	1	..	..	..	..	..	..	..
7	Destroying personal property.....	2	3	1	1	..	..	..	..	..	..
4	Malicious injury to personal property.....	1	2	1	..	..	..	..	..	..	..
2	Playing ball in the street.....	2	..	..	..	..	..	..	..	..	..
2	Arson.....	..	..	2	..	..	..	..	..	..	..
1	Trespass on premises.....	..	1	..	..	..	..	..	..	..	..
1	Robbery.....	..	..	1	..	..	..	..	..	..	..
2	Attempted larceny.....	1	1	..	..	..	..	..	..	..	..
178		75	35	43	7	6	5	1	5	1	..

In 1930 there were 17 cases of neglect, consisting of 20 boys and 15 girls.

1931 RECORD

No.	Offense	Boys Under					Girls Under				
		12	13	14	15	16	12	13	14	15	16
17	Larceny.....	6	2	2	3	2	..	2	..	..	..
4	Auto without authority.....	2	..	1	1	..	..	..	..	..	..
15	Stubborn.....	6	3	..	1	..	..	2	2	1	..
4	Breaking glass.....	3	..	..	1	..	..	..	..	..	..
2	Trespass on railroad.....	..	1	..	..	..	..	1	..	..	..
5	Carnal abuse.....	..	1	..	3	1	..	..	..	..	..
26	Breaking, entering and larceny.....	22	3	1	..	..	..	..	..	..	..
1	Discharging firearms.....	..	1	..	..	2	..	..	..	..	..
7	Breaking and entering.....	2	1	1	1	..	..	..	..	..	..
3	Assault and battery.....	2	..	..	..	..	1	..	..	..	..
3	Disturbing the peace.....	3	..	..	..	..	..	..	..	..	..
1	Runaway.....	1	..	..	..	..	..	..	..	..	..
1	Bathing nude.....	..	..	1	..	..	..	..	..	..	..
2	Trespass on premises.....	1	1	..	..	..	..	..	..	..	..
1	Wayward.....	..	..	..	..	..	1	..	..	..	..
1	Destroying personal property.....	1	..	..	..	..	..	..	..	..	..
1	Habitual truant.....	..	..	..	..	..	..	1	..	..	..
4	Malicious injury to personal property.....	4	..	..	..	..	..	..	..	..	..
98		53	13	6	10	5	2	6	2	1	..

In 1931 there were 17 cases of neglect consisting of 20 girls and nine boys.

1932 RECORD

No.	Offense	Boys Under					Girls Under				
		12	13	14	15	16	12	13	14	15	16
1	Habitual truant.....	1	..	..	..	..	..	..	..	..	..
15	Breaking, entering and larceny.....	6	3	4	2	..	..	..	..	..	..
8	Assault and battery.....	4	2	..	..	..	..	1	..	..	..
19	Larceny.....	10	3	6	..	..	1	..	..	..	..
10	Stubborn.....	5	1	2	..	..	..	..	..	..	2
1	Attempted arson.....	1	..	..	..	..	..	..	..	..	..
7	Trespass on railroad.....	3	2	2	..	..	..	..	..	..	..
6	Breaking glass.....	5	..	1	..	..	..	..	..	..	..
6	Trespass on premises.....	4	1	1	..	..	..	..	..	..	..
9	Breaking and entering.....	7	1	1	..	..	..	..	..	..	..
1	Receiving stolen property.....	1	..	..	..	..	..	..	..	..	..
2	Sodomy.....	1	..	1	..	..	..	..	..	..	..
1	Assault with dangerous weapon.....	1
4	Bathing in undesignated place.....	2	..	2
2	Lewdness.....	1	1

92	52	14	20	2	..	1	1	2
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In 1932 there were 14 cases of neglect consisting of 16 boys and 10 girls.

1933 RECORD

No.	Offense	Boys Under					Girls Under				
		12	13	14	15	16	12	13	14	15	16
3	Habitual truant.....	2	1	..	..	..	..	..	..	..	..
31	Larceny.....	8	7	5	3	5	1	2	..	..	..
10	Stubborn.....	..	2	2	2	2	1	..	1	..	..
20	Breaking, entering and larceny.....	12	1	6	1	..	..	..	..	..	..
11	Assault and battery.....	6	1	2	..	..	..	..	..	1	1
1	False alarm of fire.....	..	1	..	..	..	..	..	..	..	..
22	Breaking glass.....	9	6	5	2	..	..	..	..	..	..
9	Trespass Premises.....	4	2	2	1	..	..	..	..	..	..
1	Attempting breaking and entering.....	1	..	..	..	..	..	..	..	..	..
13	Trespass on railroad.....	5	5	2	1	..	..	..	..	..	..
5	Violation rules and regulations, M. D. C.....	4	..	1	..	..	..	..	..	..	..
1	Indecent assault and battery.....	..	..	..	1	..	..	..	..	..	..
1	Breaking and entering.....	1	..	..	..	..	..	..	..	..	..
2	Disturbing the peace.....	..	..	..	..	2	..	..	..	..	..
1	Drunk.....	..	..	..	..	..	..	..	..	1	..
3	Malicious injury to building.....	3	..	..	..	..	..	..	..	..	..
1	Fornication.....	..	..	..	..	1	..	..	..	..	..
1	Attempted arson.....	..	..	..	..	1	..	..	..	..	..
1	Malicious injury to personal property.....	..	..	..	..	1	..	..	..	..	..
137		55	26	25	11	12	2	2	1	2	1

In 1933 there were 16 cases of neglect consisting of 22 boys and 25 girls.

1934 RECORD

No.	Offense	Boys Under					Girls Under				
		12	13	14	15	16	12	13	14	15	16
17	Breaking and entering.....	5	1	2	2	5	..	..	..	1	1
53	Larceny.....	13	7	8	6	14	2	3	..	..	..
5	False alarms.....	2	1	1	..	1	..	..	..	..	..
3	Robbery.....	..	2	..	..	1	..	..	..	..	..
34	Breaking, entering and larceny	9	3	9	8	5	..	..	..	..	..
21	Stubborn.....	..	1	2	2	4	1	1	2	..	8
3	Larceny of auto.....	..	..	1	..	2	..	..	..	..	..
4	Drunk.....	..	..	..	..	3	..	..	..	..	1
1	Unlawful interference car, Railroad Company .....	..	..	..	..	1	..	..	..	..	..
1	Threatening.....	..	..	..	..	..	..	1	..	..	..
1	Wayward.....	..	..	..	..	..	..	..	..	..	1
6	Malicious injury to personal property.....	1	4	..	1	..	..	..	..	..	..
2	Runaway.....	..	..	..	..	..	..	..	1	..	1
2	Going away after injuring person.....	..	..	..	1	1	..	..	..	..	..
3	No license.....	..	..	..	1	2	..	..	..	..	..
2	Lives and safety.....	..	..	..	..	2	..	..	..	..	..
9	Auto without authority.....	..	2	..	2	5	..	..	..	..	..
1	Speeding.....	..	..	..	..	1	..	..	..	..	..
2	Disturbing the peace.....	..	..	..	1	1	..	..	..	..	..
1	Attempted larceny auto.....	..	..	..	..	1	..	..	..	..	..
2	Trespass on premises.....	..	..	..	..	..	..	..	..	1	1
2	Playing ball in street.....	..	1	1	..	..	..	..	..	..	..
5	Breaking glass.....	4	..	1	..	..	..	..	..	..	..
7	Trespass on railroad.....	2	1	1	2	1	..	..	..	..	..
1	Assault and battery, dangerous weapon.....	..	..	..	1	..	..	..	..	..	..
11	Assault and battery.....	4	..	..	..	4	1	..	1	..	1
13	Violation rules and regulations, M. D. C.....	7	..	2	3	1	..	..	..	..	..
1	Attempted larceny .....	..	..	..	..	1	..	..	..	..	..
3	Evading fare.....	..	..	1	1	1	..	..	..	..	..
4	Lewdness.....	..	..	..	..	1	..	..	1	1	1
4	Receiving stolen property.....	..	..	..	3	1	..	..	..	..	..
1	Attempt to rescue prisoner.....	..	..	..	1	..	..	..	..	..	..
1	Incest.....	..	..	..	1	..	..	..	..	..	..
1	Rape.....	..	..	..	..	1	..	..	..	..	..

No.	Offense	Boys Under						Girls Under					
		12	13	14	15	16		12	13	14	15	16	
16	Breaking and entering.....	..	..	8	3	5		..	..	..	..	..
24	Stubborn.....	..	2	2	4	10		..	..	2	3	1	
11	Attempt breaking and entering.....	3	..	4	..	4		..	..	..	..	..
45	Breaking, entering and larceny.....	8	3	11	11	12		..	..	..	..	..
7	Runaway.....	..	..	1	1	..		..	..	1	2	2	
2	Indecent assault and battery.....	1	1	..	..	..		..	..	..	..	..
7	Malicious injury to personal property.....	1	1	..	2	3		..	..	..	..	..
2	Disorderly conduct, public conveyance.....	..	..	..	1	1		..	..	..	..	..
17	Trespass on railroad.....	6	3	5	1	2		..	..	..	..	..
18	Breaking glass.....	8	2	1	3	3		..	..	1	..	..
1	Forgery.....	..	..	..	..	1		..	..	..	..	..
1	Carrying weapon.....	..	..	1	..	..		..	..	..	..	..
4	Auto without authority.....	1	1	1	..	1		..	..	..	..	..
4	Lewdness.....	..	1	1	..	1		..	..	..	1	..	
14	Assault and battery.....	6	..	2	1	1		..	1	1	2	..	
27	Evading fare.....	3	2	5	9	8		..	..	..	..	..
1	Carnal abuse.....	..	..	..	..	1		..	..	..	..	..
7	Receiving stolen property.....	..	..	1	4	2		..	..	..	..	..
3	Trespass on premises.....	..	..	1	2	..		..	..	..	..	..
1	Expectorating.....	..	..	..	..	1		..	..	..	..	..
1	Larceny of automobile.....	..	..	..	..	1		..	..	..	..	..
4	Playing ball in street.....	..	1	2	1	..		..	..	..	..	..
5	Attempted larceny.....	1	2	1	..	1		..	..	..	..	..
1	Lewd and lascivious cohabitation.....	..	..	..	..	..		..	..	..	..	1	
3	Present at game.....	..	..	..	2	1		..	..	..	..	..
1	Disturbing public assembly.....	..	1	..	..	..		..	..	..	..	..
1	Assault and battery, dangerous weapon.....	1	..	..	..	..		..	..	..	..	..
1	Drunk.....	..	..	..	..	1		..	..	..	..	..
1	Illegitimacy.....	..	..	..	..	1		..	..	..	..	..
1	Operating without license.....	..	..	..	1	..		..	..	..	..	..
2	Disturbing the peace.....	..	..	..	..	2		..	..	..	..	..
1	Fornication.....	..	..	..	..	1		..	..	..	..	..
1	Habitual truant.....	..	..	..	..	1		..	..	..	..	..
46	Larceny.....	11	10	10	9	5		..	..	..	1	..	

1936 RECORD

No.	Offense	Boys Under					Girls Under				
		12	13	14	15	16	12	13	14	15	16
19	Stubborn.....	1	..	1	2	7	..	1	2	4	1
1	Disturbing the peace.....	..	..	..	..	1	..	..	..	..	..
41	Larceny.....	11	5	7	11	7	..	..	..	..	..
1	Discharging firearms.....	..	..	..	1	..	..	..	..	..	..
5	Carrying weapon.....	..	..	..	1	4	..	..	..	..	..
3	Larceny of an automobile.....	..	..	..	..	3	..	..	..	..	..
24	Trespass on railroad.....	12	3	..	3	6	..	..	..	..	..
11	Auto without authority.....	..	..	1	2	8	..	..	..	..	..
6	Operating without a license.....	..	..	..	2	4	..	..	..	..	..
14	Assault and battery.....	3	2	4	3	1	..	..	..	..	..
44	Breaking, entering and larceny.....	11	8	4	12	9	..	..	..	1	..
3	Robbery, armed.....	..	..	..	1	2	..	..	..	..	..
14	Breaking and entering.....	8	2	1	1	2	..	..	..	..	..
1	Wayward.....	..	..	..	..	1	..	..	..	..	..
10	Runaway.....	..	4	..	1	1	..	..	1	..	3
1	Lewdness.....	..	..	..	..	..	..	..	..	1	..
1	Robbery, unarmed.....	..	..	..	..	1	..	..	..	..	..
1	Evading fare.....	..	..	..	1	..	..	..	..	..	..
1	Profanity.....	..	..	..	..	1	..	..	..	..	..
2	Habitual truant.....	..	..	1	1	..	..	..	..	..	..
1	Assault with dangerous weapon.....	..	..	..	..	1	..	..	..	..	..
2	Violation traffic rules.....	..	..	..	..	2	..	..	..	..	..
3	Idle and disorderly.....	..	..	1	..	1	..	..	..	..	1
2	Delinquent.....	2	..	..	..	..	..	..	..	..	..
1	Lives and safety.....	..	..	..	..	1	..	..	..	..	..
1	Malicious injury to personal property.....	..	1	..	..	..	..	..	..	..	..
2	Going away after injuring property.....	..	..	..	..	2	..	..	..	..	..
3	Breaking glass.....	3	..	..	..	..	..	..	..	..	..
5	Attempted larceny.....	..	2	..	1	2	..	..	..	..	..
1	Indecent assault and battery.....	..	..	1	..	..	..	..	..	..	..
2	Receiving stolen property.....	..	1	..	..	1	..	..	..	..	..

1937 RECORD

YOUTH COMMISSION

355

No.	Offense	Boys Under					Girls Under				
		12	13	14	15	16	12	13	14	15	16
7	Assault and battery.....	2	2	3	..	..	..	..	..	..	..
7	Breaking glass.....	..	..	3	2	..	..	..	..	..	..
51	Breaking, entering and larceny.....	13	8	20	2	7	..	..	..	..	1
5	Attempted breaking and entering.....	1	3	..	..	1	..	..	..	..	..
4	Robbery, unarmed.....	..	1	2	1	..	..	..	..	..	..
3	Attempted larceny.....	..	..	..	1	2	..	..	..	..	..
9	Runaway.....	..	1	1	..	1	..	1	..	2	3
30	Larceny.....	5	8	5	5	5	1	2	..	2	1
8	Stubborn.....	1	..	..	1	2	..	..	..	..	..
9	Larceny of an automobile.....	..	..	..	2	7	..	..	2	..	2
4	Wayward.....	..	..	..	..	..	..	..	..	..	..
1	Trespass on railroad.....	..	..	1	..	..	..	..	..	..	..
6	Breaking and entering.....	3	1	..	..	2	..	..	..	..	..
3	Lewdness.....	..	..	..	..	2	..	..	..	..	1
2	Malicious injury to personal property.....	..	..	1	1	..	..	..	..	..	..
2	Habitual truant.....	2	..	..	..	..	..	..	..	..	..
2	Carrying weapon.....	..	1	..	1	..	..	..	..	..	..
16	Auto without authority.....	..	1	5	1	9	..	..	..	..	..
1	Operating without license.....	..	..	..	1	..	..	..	..	..	..
1	Violating traffic regulations.....	..	..	..	..	1	..	..	..	..	..
1	Receiving stolen property.....	..	..	..	..	1	..	..	..	..	..
1	Disturbing the peace.....	..	..	..	1	..	..	..	..	..	..
3	Trespass on premises.....	..	1	..	2	..	..	..	..	..	..
176		27	27	41	21	42	1	3	2	4	8

In 1938 there were 23 cases of neglect consisting of 23 boys and 31 girls..

1938 JANUARY-JUNE RECORD

No.	Offense	Boys Under					Girls Under				
		12	13	14	15	16	12	13	14	15	16
6	Auto without authority.....	..	..	..	4	2	..	..	..	..	..
1	Breaking and entering.....	..	1	..	..	..	..	..	..	..	..
4	Breaking, entering and larceny.....	2	2	..	..	..	..	..	2	3	..
6	Stubborn.....	..	..	..	..	..	1	..	..	..	..
2	Receiving stolen property.....	..	1	..	2	..	..	..	..	..	..
3	Larceny.....	..	1	..	1	1	..	..	..	..	..
2	Breaking and entering with intent.....	..	..	..	..	..	..	..	..	..	..
3	Breaking and entering at night, larceny.....	1	1	1	..	..	..	..	..	..	1
1	Runaway.....	..	..	..	..	..	..	..	..	..	..
2	Carnal abuse.....	..	..	..	2	..	..	..	..	..	..
2	Indecent assault.....	..	..	..	1	1	..	..	..	..	..
		3	6	1	11	4	1	..	2	3	1

During the first six months of 1938 there were 3 neglect cases consisting of 3 boys and 3 girls.

COMPARISON SHEET

Offense	1930	1931	1932	1933	1934	1935	1936	1937	June 30 1938
Runaway.....	6	1	..	..	2	7	10	9	1
False alarm of fire.....	3	..	..	1	5	..	..	..	..
Stubborn.....	13	15	10	10	21	24	19	8	6
Larceny.....	40	17	19	31	53	46	41	30	3
Assault and battery.....	8	3	8	11	11	14	14	7	..
Lewdness.....	1	..	2	..	4	4	1	3	..
Breaking, entering and larceny.....	46	26	15	20	34	45	44	51	4
Breaking and entering.....	4	7	9	1	17	16	14	6	1
Wayward.....	1	1	..	..	1	..	1	4	..
Attempting to steal auto.....	1	..	..	..	1	..	..	..	..
Trespass on railroad.....	14	2	7	13	7	17	24	1	..
Receiving stolen property.....	1	..	1	..	4	7	2	1	..
Disturbing the peace.....	3	3	..	2	2	2	1	1	..
Attempt to break and enter.....	7	..	..	1	..	11	..	5	..
Breaking glass.....	8	4	6	22	5	18	3	7	..
Malicious injury to building.....	1	..	..	3	..	..	..	..	..
Throwing missile.....	1	4	..	..	9	4	11	16	6
Auto without authority.....	1	4	..	..	9	4	11	16	6
Destruction of personal property.....	7	1	..	..	..	..	..	..	..
Malicious injury to personal property.....	4	4	..	1	6	7	1	2	..
Playing ball in street.....	2	..	..	..	2	4	..	..	..
Arson.....	2	..	..	..	..	..	..	..	..
Trespass premises.....	1	2	6	9	2	3	..	3	..
Robbery.....	1	..	..	..	3	..	1	4	..
Attempted larceny.....	2	..	..	..	1	5	5	3	..
Neglect.....	17	17	14	16	17	27	25	23	3
Carnal abuse.....	..	5	..	..	..	1	..	..	2
Discharging firearms.....	..	1	..	..	..	..	1	..	..
Bathing nude.....	..	1	..	..	..	..	..	..	..
Habitual truant.....	..	1	1	3	..	1	2	2	..
Attempted arson.....	..	..	1	1	..	..	..	..	..
Sodomy.....	..	..	2	..	..	..	..	..	..

ORDINANCES

PASSED TO BE ORDAINED FROM JANUARY 1, 1938
TO DECEMBER 31, 1938

AN ORDINANCE

Establishing "The Bullock Fund."

Be it ordained by the City Council of the City of Cambridge as follows:

Section 1. The fund given to the City of Cambridge by the late Charles Bullock of Arlington, Middlesex County, Massachusetts, shall be called "The Bullock Fund," and the income thereof shall be applied in accordance with the provisions of the last will and testament of Charles Bullock of Arlington, Middlesex County, Massachusetts, dated the second day of December, 1911.

Section 2. The administration of "The Bullock Fund" shall be vested in a board of three trustees, one of which shall be appointed by the Mayor for a term of one year, one trustee to be appointed by the Mayor for a term of two years, one trustee to be appointed by the Mayor for the term of three years. Said trustees to be appointed subject to confirmation by the City Council.

As the term of each trustee expires, his successors shall each be appointed for a full term of three years.

Section 3. Said trustees shall have the care and management of "The Bullock Fund" and shall keep the same invested in accordance with the terms of the last will and testament of the late Charles Bullock and said trustees shall have full power to do all things which may, in their judgment, be found necessary to carry out the purpose and intention of the said Charles Bullock in establishing the said Bullock Fund as expressed in his last will and testament.

Section 4. Said trustees have authority for and in behalf of the City of Cambridge to receive the income from "The Bullock Fund" and to receive so much of the principal thereof as may from time to time be paid over to them and entrusted to them.

Section 5. All income payments to the City of Cambridge

under the said will shall be made to the City Treasurer of the City of Cambridge either by the trustees under the will of Charles Bullock, or if the principal is hereafter entrusted to the trustees hereinbefore set forth, said funds shall be paid by him on warrants signed by a majority of said trustees.

Section 6. The City Auditor shall receive, verify and approve all bills of the trustees of "The Bullock Fund" and of their employees.

Section 7. The Mayor of the City of Cambridge, for the time being, shall be ex officio Chairman of the Board and the trustees shall keep a record of their doings and at the close of each financial year make a report thereof to the City Council.

Passed to be ordained February 8, 1938.

Approved by the Mayor, February 10, 1938.

AN ORDINANCE

Establishing the Cambridge Youth Commission.

Be it ordained by the City Council of the City of Cambridge as follows:

Section 1. The Cambridge Youth Commission is hereby created; hereinafter referred to as the Commission, which shall guide and assist in the development of the character of the youth of the City of Cambridge, in coöperation with other existing agencies.

Section 2. Said Commission shall consist of fifteen citizens, to be appointed by the Mayor, subject to confirmation by the City Council. On the first appointment, five members shall be appointed for a term of one year, five for a term of two years, and five for a term of three years. Upon the expiration of the term of office of a member, his successor shall be appointed in the manner aforesaid for three years. Vacancies, other than by reason of expiration of term, shall be filled in like manner for the balance of the unexpired term. The members of said Commission shall serve without compensation during their respective terms and until their successors are appointed and confirmed. The Mayor shall designate annually one member to serve as chairman of said Commission.

Section 3. The Commission shall annually, in the month of January, and whenever requested by the Mayor, make a full and

detailed report of all matters pertaining to its activities and accomplishments, with such suggestions as it may deem proper.

Section 4. This ordinance shall take effect upon passage.

Passed to be ordained March 22, 1938.

Approved by the Mayor, March 24, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Duties and Salaries." Be it ordained by the City Council of the City of Cambridge as follows:

Section 30 of Chapter 28 of the Revised Ordinances of 1892 as amended to November 8, 1899 is hereby amended in the line relating to the salary of the Purchasing Agent by striking out the figures \$3,000 and inserting in place thereof the figures \$4,000.

As amended the line will read as follows:

Purchasing Agent \$4,000

Passed to be ordained March 22, 1938.

Approved by the Mayor, March 24, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Duties and Salaries." Be it ordained by the City Council of the City of Cambridge as follows:

Section 30 of Chapter 28 of the Revised Ordinances of 1892 as amended to November 8, 1899 is hereby further amended by inserting the following line:

Assistant City Solicitors (2) \$2,600 each

Passed to be ordained April 5, 1938.

Approved by the Mayor, April 7, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Bigelow Street, westerly side from Massachusetts Avenue to and including premises numbered 15 on said Bigelow Street, and substituting in place thereof the following:

Bigelow Street, westerly side from Massachusetts Avenue to Harvard Street.

Passed to be ordained April 12, 1938.

Approved by the Mayor, April 14, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by striking out the following:

Bigelow Street, westerly side from premises number 15 to Harvard Street.

Passed to be ordained April 12, 1938.

Approved by the Mayor, April 14, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 6 of Article V. Miscellaneous Parking Prohibitions in Specified Places. (a) No vehicle shall park on the following streets or parts thereof during the hours indicated below — is hereby amended by striking out the following:

Webster Avenue from Windsor Street to the Somerville line between 4.30 p.m. and 6 p.m.

Passed to be ordained April 26, 1938.

Approved by the Mayor, April 28, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. (Parking prohibited on certain streets.) Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

River Street, northerly side, between Blackstone Street and Memorial Drive.

Passed to be ordained May 17, 1938.

Approved by the Mayor, May 19, 1938.

AN ORDINANCE

Repealing an ordinance passed February 8, 1938, approved by the Mayor February 10, 1938, and establishing "The Bullock Fund."

Be it ordained by the City Council of the City of Cambridge as follows:

Section 1. The ordinance passed by the City Council February 8, 1938, and approved by the Mayor February 10, 1938, entitled "An Ordinance Establishing the Bullock Fund," be and it hereby is repealed.

Section 2. The fund given to the City of Cambridge by the late Charles Bullock of Arlington, Middlesex County, Massachusetts, shall be called "The Bullock Fund" and the income thereof shall be applied in accordance with the provisions of the last will and testament of Charles Bullock of Arlington, Middlesex County, Massachusetts, dated the second day of December, 1911.

Section 3. The administration of such part of the income of the Bullock Fund as may be paid by the trustees under the will of Charles Bullock in accordance with the provisions thereof shall be vested in a board of three trustees, one trustee to be appointed by the Mayor for a term of one year; one trustee to be appointed by the Mayor for a term of two years and one trustee to be appointed by the Mayor for a term of three years; all to be appointed subject to the confirmation by the City Council. As the term of each trustee expires, his successor shall be appointed for a full term of three years.

Section 4. Said trustees shall have the care and manage-

ment of said income and shall expend the same in accordance with the terms of the last will and testament of said Charles Bullock and shall have full power to do all things which may in their judgment be found necessary to carry out the purpose and intention of said will establishing the said Bullock Fund.

Section 5. Said trustees have authority for and in behalf of the City of Cambridge to receive said income and to expend the same as hereinbefore provided.

Section 6. All payments of income from the Bullock Fund by the trustees under the last will and testament of said Charles Bullock shall be made to the City Treasurer of the City of Cambridge and shall be paid by him on warrants signed by a majority of the trustees appointed as herein provided.

Section 7. The City Auditor shall receive, verify and approve all bills of the trustees of the Bullock Fund and of their employees.

Section 8. The Mayor of the City of Cambridge, for the time being, shall be ex officio Chairman of the Board and the trustees shall keep a record of their doings and at the close of each financial year make a report thereof to the City Council.

Passed to be ordained May 17, 1938.

Approved by the Mayor, May 19, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 11 of Article V. Angle Parking. Paragraph (b). Upon the following streets or parts of streets which have been marked or signed for angle parking, vehicles shall be parked with one wheel within twelve (12) inches of the curb and at the angle to the curb indicated by such marks or official signs. The vehicle shall be parked so that all four wheels of the vehicle shall be placed wholly within the painted lines provided and at the angle indicated below — is hereby amended by adding at the end thereof the following:

Massachusetts Avenue, northwesterly side between Regent and Creighton Streets (at an angle of forty-five degrees).

Passed to be ordained June 7, 1938.

Approved by the Mayor, June 9, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets.
Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Arrow Street, northerly side, from Bow Street to Massachusetts Avenue.

Passed to be ordained, June 21, 1938.

Approved by the Mayor, June 23, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets.
Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Bow Street, easterly side from Arrow Street to Massachusetts Avenue.

Passed to be ordained June 21, 1938.

Approved by the Mayor, June 23, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets.
Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Dover Street, southerly side, between Massachusetts Avenue and the Somerville line.

Passed to be ordained June 21, 1938.

Approved by the Mayor, June 23, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Treasury."

Be it ordained by the City Council of the City of Cambridge as follows:

Section 1. Section 1 of Chapter 26 of the Revised Ordinances of 1892, as amended to November 8, 1899, is hereby further amended by striking out said section 1 and inserting in place thereof the following:

Section 1. The City Treasurer shall be the City Collector, and shall have charge of the treasury and collecting departments, and the books, documents, and papers thereof. The City Treasurer shall be appointed by the Mayor during the month of May, subject to confirmation by the City Council, and shall hold office for a term of one year from the first day of June or until a successor is appointed and confirmed. He shall receive, receipt for, and have the care and custody of the current funds of the City, and also of all moneys, property and securities which may be in his charge by virtue of any statute or ordinance, or by virtue of any gift, devise, bequest, or deposit. He shall negotiate all loans authorized by the City Council and shall sign all bonds, notes, and certificates of indebtedness issued for loans to the City, authorized by the City Council. When surrendered to him for cancellation he may exchange coupon or registered bonds, notes or certificates of the City of Cambridge for one or more registered bonds, notes, or certificates having the same maturity and rate of interest, and they may be issued to the same or new owner or owners. Such new bonds, notes or certificates shall be signed by the Treasurer and countersigned by the City Auditor and the Mayor. As City Collector he shall have all special powers conferred on a treasurer appointed collector by a vote of the City Council. He may be elected by the Board of Commissioners of Sinking Funds to serve as the treasurer of said board, and in such case shall receive in addition to his salary the salary fixed for said office. A vacancy in the office of Treasurer shall be filled for the residue of the term in the same manner in which the office was originally filled.

Section 2. Said Chapter 26 is hereby further amended by adding after Section 1 the following new section:

Section 1a. The City Collector shall have the power and be charged with the duty of collecting all accounts of every nature

due the City and shall demand in writing payment of the same. He shall use every means available to collect the same and after he has exhausted all such means and failed he shall refer the same to the Law Department. All departments shall commit to the City Collector on forms, which will be supplied by the City Auditor, all accounts due the City for collection.

Section 3. Section 8 of said Chapter 26 is hereby further amended by striking out, in the third line, the words "collector of taxes" and inserting in place thereof the words: City Collector.

Section 4. Section 12 of said Chapter 26 is hereby further amended by striking out the words "collector of taxes" wherever said words appear and inserting in place thereof, the words: City Collector; and said Section 12 is further amended by striking out the last sentence which was inserted by an amendment passed by the Board of Aldermen, March 26, 1912, and by the Common Council, March 26, 1912, and approved by the Mayor March 30, 1912, and inserting in place thereof the following:

"He shall be allowed to expend a sum not exceeding twenty-five per cent of the amount of unpaid bills collected for poll and personal taxes and department bills (except Water Department bills) to reimburse him for expenses necessarily incurred in the employment of attorneys at law, deputy collectors, sheriffs, deputy sheriffs, or constables in the collection of bills which have been in his possession for more than six months."

Section 5. All ordinances and parts of ordinances which are inconsistent with any provisions of this ordinance are repealed to the extent of such inconsistency.

Passed to be ordained June 21, 1938.

Approved by the Mayor, June 23, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulating the Hours of Pawnbrokers."

Be it ordained by the City Council of the City of Cambridge as follows:

An ordinance entitled "Regulating the Hours of Pawnbrokers" is hereby amended by striking out the second, third and fourth paragraphs relating to business hours and substituting in place thereof two new paragraphs.

As amended the ordinance will read: "Regulating the Hours

of Pawnbrokers." Every pawnbroker licensed in the City of Cambridge shall not be opened for business except during the following hours:

On Mondays, Tuesdays, Wednesdays and Fridays from 8 a.m. to 6 p.m.

On Thursdays and Saturdays from 8 a.m. to 10 p.m.

Passed to be ordained June 28, 1938.

Approved by the Mayor, June 30, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Second Street, easterly side, between Cambridge Street and Gore Street.

Passed to be ordained June 28, 1938.

Approved by the Mayor, June 30, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (b) No person shall park a vehicle for more than one hour between midnight and 11 a.m. on the following streets or parts of streets — is hereby amended by striking out the following:

Wadsworth Street, from Main Street to Amherst Street.

Passed to be ordained July 21, 1938.

Approved by the Mayor, July 23, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain

Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by adding at the end thereof the following:

Wadsworth Street, westerly side.

Passed to be ordained July 21, 1938.

Approved by the Mayor, July 23, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Wadsworth Street, easterly side.

Passed to be ordained July 21, 1938.

Approved by the Mayor, July 23, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 11 of Article V. Angle Parking, Paragraph (b). Upon the following streets or parts of streets which have been marked or signed for angle parking, vehicles shall be parked with one wheel within twelve (12) inches of the curb and at the angle to the curb indicated by such marks or official signs. The vehicle shall be parked so that all four wheels of the vehicle shall be placed wholly within the painted lines provided and at the angle indicated below — is hereby amended by adding at the end thereof the following:

Massachusetts Avenue, northeasterly side between Allen and Davenport Streets (at an angle of forty-five degrees).

Passed to be ordained September 13, 1938.

Approved by the Mayor, September 15, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1, Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by adding at the end thereof the following:

Crescent Street from Oxford Street to Sacramento Street in an easterly direction.

Passed to be ordained October 25, 1938.

Approved by the Mayor, October 27, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by adding at the end thereof the following:

Boylston Street, from Mt. Auburn Street to South Street.

Passed to be ordained December 6, 1938.

Approved by the Mayor, December 8, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Overseers of the Poor" and "Workhouse" and Creating the Department of Public Welfare.

Be it ordained by the City Council of the City of Cambridge as follows:

Chapter 18 and Chapter 38 of the Revised Ordinances of 1892 and an ordinance dated April 12, 1919, and all amendments thereto are hereby amended by striking out the entire chapters and ordinances and substituting in place thereof the following:

Section 1. Department of Public Welfare. The Public Welfare Department shall be under the charge of the Board of Public Welfare.

Section 2. Board of Public Welfare. The Board of Public Welfare shall consist of three persons.

Section 3. Appointment and Tenure. The Mayor shall appoint in the month of April, subject to the confirmation of the City Council, a person as Commissioner of the Board as successor to each Commissioner whose term is about to expire, and who shall hold office for a term of three years from the first Monday in May, of that year, and until another is appointed and confirmed in his place.

The Mayor shall, subject to the confirmation of the City Council, upon the passage of this ordinance, appoint one person as a member of said Board, whose term of office shall extend from the date of passage of this ordinance to the first Monday of May, 1939, and one person whose term of office shall extend from the date of passage of this ordinance to the first Monday of May, 1940, and one person whose term of office shall extend from the date of passage of this ordinance to the first Monday of May 1941.

Section 4. Vacancies. Vacancies in the Board shall be filled for the residue of the term of the Commissioner whose place is to be filled, in the same manner in which such Commissioner was originally appointed.

Section 5. City Infirmary. There shall be an infirmary in the City of Cambridge for the employment and support of poor and indigent persons, who are maintained by and receive alms from the City. The Board shall have charge of the infirmary, and may make and enforce all such rules and regulations as it deems expedient in relation thereto.

Section 6. Care of Property. The Board shall preserve all property, evidences of property, books, papers, vouchers and all other things entrusted to, kept by, or deposited with it.

Section 7. Reports of the Board. The Board shall annually present to the City Council a report containing a statement of the condition of the City Infirmary, together with an account of all the receipts and expenditures of the department and shall incorporate in such report any other information or suggestions as it may deem important. The Board shall also at such time transmit the reports of such of its officers or agents as it may deem advisable.

Passed to be ordained December 6, 1938.

Approved by the Mayor, December 7, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Second Street, both sides, between Cambridge and Gore Streets.

Passed to be ordained December 20, 1938.

Approved by the Mayor, December 22, 1938.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 11 of Article V. Angle Parking, Paragraph (b). Upon the following streets or parts of streets which have been marked or signed for angle parking, vehicles shall be parked with one wheel within twelve (12) inches of the curb and at the angle to the curb indicated by such marks or official signs. The vehicle shall be parked so that all four wheels of the vehicle shall be placed wholly within the painted lines provided and at the angle indicated below — is hereby amended by adding at the end thereof the following:

Broadway, southerly side between Sixth and Carleton Streets (at an angle of forty-five degrees).

Passed to be ordained December 27, 1938.

Approved by the Mayor, December 29, 1938.

CITY OF CAMBRIDGE
MASSACHUSETTS

REPORT

OF THE

BOARD OF ELECTION
COMMISSIONERS

For the Year Ending December 31, 1938



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

STATE PRIMARY, SEPTEMBER 20, 1938 — DEMOCRATIC

CANDIDATES FOR		GOVERNOR					LIEUT. GOVERNOR					SECRETARY								
Names of Candidates		Whole Number of Ballots Cast	Hurley	Curley	Kelly	Russell	Blanks	Brennan	Collins	Sullivan	White	Voerg	Blanks	Ahearne	Bresnahan	Clay	Foley	Sullivan	Wallace	Blanks
Ward 1	Prec. 1 ...	664	172	357	42	78	15	234	63	144	103	26	94	39	58	19	109	193	92	154
	Prec. 2 ...	744	195	334	76	116	23	244	62	127	115	27	169	45	76	24	143	182	85	189
	Prec. 3 ...	680	207	324	49	87	13	256	47	130	88	23	136	38	74	28	113	170	86	171
	Prec. 4 ...	674	167	333	60	93	21	218	62	149	122	17	106	49	76	12	107	198	64	168
	Prec. 5 ...	603	147	298	64	79	15	204	53	154	89	16	87	32	69	18	105	178	60	141
Totals.....		3,365	888	1,646	291	453	87	1,156	287	704	517	109	592	203	353	101	577	921	387	823
Ward 2	Prec. 1 ...	207	39	118	27	21	2	53	15	57	33	9	40	17	19	6	35	64	15	51
	Prec. 2 ...	708	224	315	77	79	13	212	28	147	208	29	84	44	71	16	136	232	64	145
	Prec. 3 ...	424	104	202	52	61	5	137	38	87	80	17	65	27	58	12	82	110	46	89
	Prec. 4 ...	337	72	179	33	40	13	94	28	75	57	12	71	25	31	16	57	77	41	90
	Prec. 5 ...	245	47	129	31	33	5	97	10	48	33	12	45	19	19	6	50	73	33	45
Totals.....		1,921	486	943	220	234	38	593	119	414	411	79	305	132	198	56	360	556	199	420
Ward 3	Prec. 1 ...	510	144	234	54	71	7	215	41	93	68	16	77	28	59	14	99	154	59	97
	Prec. 2 ...	536	140	282	51	49	14	183	66	86	111	12	78	37	44	19	94	159	45	138
	Prec. 3 ...	365	166	127	30	38	4	112	37	53	108	12	43	23	58	8	66	99	34	77
	Prec. 4 ...	510	197	211	37	59	6	161	37	75	143	12	82	43	48	12	86	135	40	146
	Prec. 5 ...	452	239	139	32	41	1	161	39	46	136	13	57	26	43	10	101	105	36	131
Totals.....		2,373	886	993	204	258	32	832	220	353	566	65	337	157	252	63	446	652	214	589
Ward 4	Prec. 1 ...	224	64	106	23	31	0	75	20	48	42	10	29	14	30	7	41	61	26	45
	Prec. 2 ...	262	114	89	17	38	4	90	26	38	65	12	31	14	28	10	61	66	24	59
	Prec. 3 ...	241	84	88	33	34	2	97	25	41	40	9	29	19	31	16	42	63	25	45
	Prec. 4 ...	332	121	121	27	60	3	107	31	42	85	14	53	21	37	11	69	68	34	92
	Prec. 5 ...	318	116	130	25	42	5	96	40	36	86	9	51	20	30	8	59	78	28	95
Totals.....		1,377	499	534	125	205	14	465	142	205	318	54	193	88	156	52	272	336	137	336
Ward 5	Prec. 1 ...	349	106	159	31	46	7	166	26	53	52	8	44	24	29	6	63	95	46	86
	Prec. 2 ...	272	91	101	38	40	2	103	35	46	48	11	29	17	31	11	57	68	39	49
	Prec. 3 ...	418	121	155	57	72	13	148	33	83	87	16	51	30	52	17	100	123	33	63
	Prec. 4 ...	436	148	170	44	66	8	153	42	72	92	13	64	35	36	19	81	125	42	98
Totals.....		1,475	466	585	170	224	30	570	136	254	279	48	188	106	148	53	301	411	160	296

Ward 6	Prec. 1 ...	332	75	156	50	43	8	129	26	62	54	10	51	15	50	11	57	85	43	71
	Prec. 2 ...	297	55	163	32	44	3	105	29	55	52	15	41	22	21	9	60	81	47	57
	Prec. 3 ...	460	132	221	42	59	6	161	44	72	91	24	68	26	56	21	85	111	56	105
	Prec. 4 ...	508	152	241	51	56	8	171	49	88	102	10	88	33	60	11	81	151	37	135
Totals.....		1,597	414	781	175	202	25	566	148	277	299	59	248	96	187	52	283	428	183	368
Ward 7	Prec. 1 ...	276	130	83	18	43	2	81	39	29	89	10	28	14	26	10	90	58	22	56
	Prec. 2 ...	309	108	126	17	55	3	86	33	42	87	10	51	10	29	8	75	95	28	64
	Prec. 3 ...	195	71	59	10	49	6	38	28	28	54	8	39	9	12	12	45	37	18	62
	Prec. 4 ...	547	177	235	66	63	6	188	39	87	147	14	72	37	49	8	120	147	60	126
	Prec. 5 ...	95	34	30	2	27	2	29	14	9	27	4	12	4	6	9	17	18	9	32
Totals.....		1,422	520	533	113	237	19	422	153	195	404	46	202	74	122	47	347	355	137	340
Ward 8	Prec. 1 ...	199	73	68	7	47	4	44	22	11	66	9	47	10	10	16	48	28	14	73
	Prec. 2 ...	132	47	38	6	38	3	22	23	7	49	8	23	4	12	15	34	13	15	39
	Prec. 3 ...	215	85	65	6	57	2	56	15	24	59	11	50	14	15	9	40	43	15	79
	Prec. 4 ...	217	82	73	10	51	1	78	23	23	58	5	30	6	31	13	42	60	17	48
Totals.....		763	287	244	29	193	10	200	83	65	232	33	150	34	68	53	164	144	61	239
Ward 9	Prec. 1 ...	653	319	228	24	67	15	202	97	82	163	10	99	32	48	21	185	163	50	154
	Prec. 2 ...	575	265	180	57	65	8	200	73	63	146	9	84	40	64	16	119	128	45	163
	Prec. 3 ...	187	62	46	16	60	3	50	31	15	45	14	32	8	14	19	40	35	12	59
	Prec. 4 ...	424	237	114	27	37	9	127	79	25	138	10	45	19	46	18	116	91	27	107
	Prec. 5 ...	729	384	202	69	68	6	231	93	97	161	23	124	45	75	24	146	185	68	186
	Prec. 6 ...	400	261	92	21	20	6	130	51	32	135	7	45	25	35	8	112	86	41	93
Totals.....		2,968	1,528	862	214	317	47	940	424	314	788	73	429	169	282	106	718	688	243	762
Ward 10	Prec. 1 ...	424	159	173	36	46	10	149	51	41	94	21	68	31	38	10	85	111	36	113
	Prec. 2 ...	195	96	48	12	37	2	51	29	15	60	11	29	11	18	8	45	36	19	58
	Prec. 3 ...	343	103	132	40	60	8	111	28	47	94	14	49	28	41	15	69	90	32	68
	Prec. 4 ...	530	154	215	58	93	10	165	54	88	111	20	92	25	57	19	118	140	53	118
	Prec. 5 ...	601	185	251	81	74	10	202	66	101	126	26	80	25	57	23	149	155	70	122
Totals.....		2,093	697	819	227	310	40	678	228	292	485	92	318	120	211	75	466	532	210	479
Ward 11	Prec. 1 ...	509	217	163	46	71	12	183	49	53	141	12	71	42	60	15	116	113	43	120
	Prec. 2 ...	586	228	206	51	92	9	202	46	77	172	11	78	38	53	17	103	178	43	154
	Prec. 3 ...	724	217	254	65	150	38	230	53	113	168	23	137	39	76	24	135	183	75	192
	Prec. 4 ...	666	181	254	59	158	14	237	41	97	175	18	98	49	58	16	125	174	70	174
	Prec. 5 ...	821	294	332	77	100	18	323	56	126	179	23	114	53	85	22	186	197	83	195
Totals.....		3,306	1,137	1,209	298	571	91	1,175	245	466	835	87	498	221	332	94	665	845	314	835
Grand Totals.....		22,660	7,808	9,149	2,066	3,204	433	7,597	2,185	3,539	5,134	745	3,460	1,400	2,309	752	4,599	5,868	2,245	5,487

STATE PRIMARY, SEPTEMBER 20, 1938—DEMOCRATIC

CANDIDATES FOR		TREASURER										AUDITOR				ATTORNEY GENERAL	
Names of Candidates	Whole Number of Ballots Cast	Barrett	Brown	Burke, Jr.	Doherty	Gallagher	Harkins	Honan	McGrath	Blanks	Buckley	Barry	Walsh	Blanks	Dever	Blanks	
Ward 1 Precinct 1...	664	76	56	31	106	120	11	25	74	165	306	82	127	149	497	167	
Precinct 2...	744	83	53	43	100	131	16	22	83	213	325	100	126	193	551	193	
Precinct 3...	680	83	55	34	85	121	24	15	74	189	314	86	101	179	499	181	
Precinct 4...	674	70	59	48	87	113	14	23	83	177	298	103	124	149	455	219	
Precinct 5...	603	53	51	46	87	117	16	21	75	137	279	114	103	107	435	168	
Totals.....	3,365	365	274	202	465	602	81	106	389	881	1,522	485	581	777	2,437	928	
Ward 2 Precinct 1...	207	14	19	14	38	34	6	6	20	56	100	22	39	46	148	59	
Precinct 2...	708	61	43	39	101	166	16	24	96	162	390	76	114	128	537	171	
Precinct 3...	424	49	25	29	60	93	13	18	51	86	220	38	71	95	327	97	
Precinct 4...	337	27	23	20	51	53	8	13	46	96	152	43	53	89	248	89	
Precinct 5...	245	21	26	7	43	52	2	6	30	58	129	29	35	52	201	44	
Totals.....	1,921	172	136	109	293	398	45	67	243	458	991	208	312	410	1,461	460	
Ward 3 Precinct 1...	510	47	33	29	72	112	8	16	87	106	268	82	73	87	402	108	
Precinct 2...	536	42	37	55	72	127	4	16	53	130	275	79	82	100	417	119	
Precinct 3...	365	35	19	26	44	111	5	13	38	74	210	46	39	70	286	79	
Precinct 4...	510	45	26	32	60	124	8	18	70	127	305	52	51	102	404	106	
Precinct 5...	452	37	13	32	49	116	3	19	59	124	272	58	34	88	343	109	
Totals.....	2,373	206	128	174	297	590	28	82	307	561	1,330	317	279	447	1,852	521	
Ward 4 Precinct 1...	224	24	8	16	36	47	4	11	27	51	125	27	34	38	172	52	
Precinct 2...	262	26	11	10	30	69	10	14	24	68	155	27	29	51	209	53	
Precinct 3...	241	25	11	10	53	52	11	10	20	49	132	38	34	37	185	56	
Precinct 4...	332	17	11	16	56	84	7	14	40	87	198	33	39	62	270	62	
Precinct 5...	318	27	7	16	48	84	9	14	30	83	194	32	32	60	256	62	
Totals.....	1,377	119	48	68	223	336	41	63	141	338	804	157	168	248	1,092	285	
Ward 5 Precinct 1...	349	26	19	22	45	95	5	12	41	84	187	26	67	69	275	74	
Precinct 2...	272	27	18	13	47	70	4	12	37	44	147	30	53	42	230	42	
Precinct 3...	418	22	28	22	84	120	16	15	38	73	224	37	82	75	320	98	
Precinct 4...	436	32	32	20	81	94	6	26	49	96	234	54	73	75	346	90	
Totals.....	1,475	107	97	77	257	379	31	65	165	297	792	147	275	261	1,171	304	

Ward 6	Precinct 1...	332	41	24	22	53	70	7	11	40	64	170	39	52	71	258	74
	Precinct 2...	297	29	19	14	47	76	3	19	35	55	153	40	51	53	235	62
	Precinct 3...	460	49	27	23	79	98	13	24	48	99	255	45	64	96	356	104
	Precinct 4...	508	37	19	24	92	102	12	24	67	131	269	56	59	124	392	116
Totals.....		1,597	156	89	83	271	346	35	78	190	349	847	180	226	344	1,241	356
Ward 7	Precinct 1...	276	29	15	16	31	67	11	18	29	60	178	29	25	44	230	46
	Precinct 2...	309	29	14	11	43	67	11	9	51	74	181	35	39	54	259	50
	Precinct 3...	195	20	8	6	24	41	10	11	14	61	101	26	22	46	139	56
	Precinct 4...	547	48	26	27	78	140	9	33	66	120	328	62	56	101	433	114
	Precinct 5...	95	7	5	7	6	20	7	7	10	26	54	11	7	23	66	29
Totals.....		1,422	133	68	67	182	335	48	78	170	341	842	163	149	268	1,127	295
Ward 8	Precinct 1...	199	15	6	9	24	29	10	6	20	80	106	26	16	51	146	53
	Precinct 2...	132	10	5	5	8	30	6	9	18	41	70	20	12	30	100	32
	Precinct 3...	215	14	5	15	27	45	8	10	13	78	113	22	19	61	162	53
	Precinct 4...	217	19	13	8	37	54	10	7	25	44	115	33	29	40	171	46
Totals.....		763	58	29	37	96	158	34	32	76	243	404	101	76	182	579	184
Ward 9	Precinct 1...	653	52	30	48	87	136	22	45	73	160	381	110	64	98	552	101
	Precinct 2...	575	40	30	30	69	142	18	42	56	148	331	74	54	116	463	112
	Precinct 3...	187	13	11	5	28	36	7	12	15	60	96	22	23	46	139	48
	Precinct 4...	424	26	11	21	53	122	18	46	33	94	276	68	25	55	342	82
	Precinct 5...	729	83	47	39	89	172	18	33	71	177	382	91	93	163	574	155
	Precinct 6...	400	27	7	18	68	93	27	27	47	86	256	49	39	56	334	66
Totals.....		2,968	241	136	161	394	701	110	205	295	725	1,722	414	298	534	2,404	564
Ward 10	Precinct 1...	424	41	14	22	56	105	10	22	62	92	244	55	35	90	328	96
	Precinct 2...	195	17	7	8	18	47	10	13	19	56	115	23	22	35	155	40
	Precinct 3...	343	29	15	16	57	96	11	11	38	70	208	40	39	56	275	68
	Precinct 4...	530	55	35	40	76	107	10	43	63	101	292	57	78	103	446	84
	Precinct 5...	601	49	37	40	96	139	12	15	80	133	328	68	95	110	500	101
Totals.....		2,093	191	108	126	303	494	53	104	262	452	1,187	243	269	394	1,704	389
Ward 11	Precinct 1...	509	36	17	20	89	119	11	29	60	128	310	51	57	91	401	108
	Precinct 2...	586	43	23	29	79	143	8	42	84	135	298	87	93	108	475	111
	Precinct 3...	724	77	38	56	86	146	16	38	95	172	343	105	102	174	576	148
	Precinct 4...	666	79	27	45	102	116	7	29	84	177	306	97	106	157	542	124
	Precinct 5...	821	79	43	41	130	206	6	27	106	183	451	105	117	148	671	150
Totals.....		3,306	314	148	191	486	730	48	165	429	795	1,708	445	475	678	2,665	641
Grand Totals.....		22,660	2,062	1,261	1,295	3,267	5,069	554	1,045	2,667	5,440	12,149	2,860	3,108	4,543	17,733	4,927

STATE PRIMARY, SEPTEMBER 20, 1938--DEMOCRATIC

CANDIDATE FOR	CONGRESSMAN ELEVENTH DISTRICT					CONGRESSMAN EIGHTH DISTRICT					CONGRESSMAN NINTH DISTRICT As Corrected by Return, September 26					CONGRESS FIFTH DISTRICT			
	Whole Number of Ballots Cast	Flaherty	Cotter	Granata	Marolda	Blanks	Holley	Palladino	Shaw	Wright	Blanks	Cronin	Blair	Leback	Morgan	Twomey	Blanks	Keane	Blanks
Ward 1 Candidates Prec. 1 Prec. 2 Prec. 3 Prec. 4 Prec. 5		331	158	14	97	64													
		259	254	25	114	92													
		313	205	20	59	83													
		277	188	33	102	74													
		227	236	19	48	73													
Totals	3,365	1,407	1,041	111	420	380													
Ward 2 Prec. 1 Prec. 2 Prec. 3 Prec. 4 Prec. 5							122	12	32	8	33								
							467	18	108	30	85								
							257	13	61	26	67								
							193	16	50	19	59								
							140	14	40	17	34								
Totals	1,921						1,179	73	291	100	278								
Ward 3 Prec. 1 Prec. 2 Prec. 3 Prec. 4 Prec. 5							321	18	78	32	61								
							372	9	83	27	45								
							278	5	37	11	34								
							358	6	67	14	65								
							328	8	55	11	50								
Totals	2,373						1,657	46	320	95	255								
Ward 4 Prec. 1 Prec. 2 Prec. 3 Prec. 4 Prec. 5																			
							2,836	119	611	195	533								
												35	80	4	52	31	22		
												46	81	10	75	21	29		
												46	91	4	40	33	27		
Ward 5 Prec. 1 Prec. 2 Prec. 3 Prec. 4 Prec. 5																			
Totals	1,377											218	477	37	308	159	178		
Ward 5 Prec. 1 Prec. 2 Prec. 3 Prec. 4																			

REPORT OF ELECTION COMMISSIONERS

[illegible]

STATE PRIMARY, SEPTEMBER 20, 1938--DEMOCRATIC

CANDIDATES FOR	COUNCILLOR THIRD DISTRICT					SENATOR THIRD SUFFOLK					SENATOR SECOND MIDDLESEX											
	Whole Number of Ballots Cast	Akins	Breen	Brown	Roche	Tobin	Blanks	Conway	Cronin	Driscoll	Karawacki	McNamara	Renna	Stewart	Blanks	Cleary	Foley	Lynch	Moran	Reagan	Blanks	
Ward 1 Precinct 1.....		11	34	9	309	217	84	211	19	40	30	182	20	65	97							
Precinct 2.....		6	40	13	419	172	94	239	40	36	64	157	65	35	108							
Precinct 3.....		6	67	11	317	182	97	287	21	24	51	141	15	39	102							
Precinct 4.....		10	34	16	358	176	80	106	25	45	103	249	43	14	89							
Precinct 5.....		6	61	9	323	146	58	95	30	59	33	290	11	13	72							
Totals.....	3,365	39	236	58	1,726	893	413	938	135	204	281	1,019	154	166	468							
Ward 2 Precinct 1.....		2	6	2	119	46	32	23	6	8	7	141	2	2	18							
Precinct 2.....		18	40	11	419	132	88	66	13	9	9	547	4	8	52							
Precinct 3.....		9	15	9	227	116	48	45	12	10	13	304	2	3	35							
Precinct 4.....		8	7	10	189	77	46	32	8	14	3	232	6	8	34							
Precinct 5.....		9	7	5	130	63	31	15	17	10	2	172	1	5	23							
Totals.....	1,921	46	75	37	1,084	434	245	181	56	51	34	1,396	15	26	162							
Ward 3 Precinct 1.....		17	34	9	230	171	49	86	17	18	12	296	15	16	50							
Precinct 2.....		7	22	13	309	115	70	101	43	27	7	276	2	10	70							
Precinct 3.....		8	23	4	224	72	34	51	17	14	10	218	3	9	43							
Precinct 4.....		8	23	8	306	93	72	82	45	27	9	241	4	5	97							
Precinct 5.....		12	29	5	275	88	43	56	52	12	8	222	5	10	87							
Totals.....	2,373	52	131	39	1,344	539	268	376	174	98	46	1,253	29	50	347							
								1,495	365	353	361	3,668	198	242	977							
Ward 4 Precinct 1.....		8	15	4	123	49	25									74	53	12	35	20	30	
Precinct 2.....		8	18	6	149	56	25									80	56	7	70	25	24	
Precinct 3.....		8	20	5	146	42	20									76	50	15	27	46	27	
Precinct 4.....		12	26	3	176	65	50									131	77	9	58	22	35	
Precinct 5.....		6	17	4	155	72	64									106	47	14	95	16	40	
Totals.....	1,377	42	96	22	749	284	184									467	283	57	285	129	156	
Ward 5 Precinct 1.....		4	19	6	190	86	44									145	110	20	28	13	33	
Precinct 2.....		6	12	5	143	77	29									107	62	13	48	18	24	
Precinct 3.....		6	24	10	197	128	53									188	108	20	36	22	44	
Precinct 4.....		11	28	8	238	93	58									213	142	11	23	16	31	
Totals.....	1,475	27	83	29	768	384	184									653	422	64	135	69	132	

Ward 6	Precinct 1.....	7	9	8	179	82	47											96	18	65	26	36
	Precinct 2.....	7	11	6	162	81	30											71	16	83	20	28
	Precinct 3.....	12	15	5	289	88	51											95	21	124	25	29
	Precinct 4.....	10	19	10	285	92	92											63	12	166	22	33
Totals.....		36	54	29	915	343	220											325	67	438	93	126
Ward 7	Precinct 1.....	16	12	14	115	75	46											79	23	15	21	32
	Precinct 2.....	7	19	10	159	73	41											95	15	20	20	29
	Precinct 3.....	11	15	9	71	47	42											39	9	22	20	40
	Precinct 4.....	13	32	8	308	119	67											157	26	54	65	53
	Precinct 5.....	6	5	4	42	22	16											15	5	13	5	14
Totals.....		53	83	45	695	336	210											385	78	124	131	168
Ward 8	Precinct 1.....	19	9	5	70	49	47											35	10	18	17	39
	Precinct 2.....	13	9	7	50	21	32											30	10	8	11	24
	Precinct 3.....	17	11	10	86	34	57											27	10	8	83	34
	Precinct 4.....	9	10	8	101	49	40											34	6	18	33	22
Totals.....		58	39	30	307	153	176											126	36	52	144	119
Ward 9	Precinct 1.....	16	42	11	314	162	108											127	12	27	180	45
	Precinct 2.....	12	33	6	287	146	91											115	11	38	79	27
	Precinct 3.....	17	4	14	68	41	43											24	4	5	85	22
	Precinct 4.....	17	52	11	209	85	50											111	7	16	48	25
	Precinct 5.....	23	35	9	379	167	116											114	7	14	38	26
	Precinct 6.....	10	28	5	235	71	51											103	5	11	35	20
Totals.....		95	194	56	1,492	672	459											594	46	111	465	165
Ward 10	Precinct 1.....	11	20	27	177	120	69											158	21	17	42	36
	Precinct 2.....	18	16	11	85	39	26											49	14	12	16	33
	Precinct 3.....	13	14	8	176	79	53											119	10	20	38	33
	Precinct 4.....	9	18	10	249	169	75											137	14	26	64	32
	Precinct 5.....	14	29	9	326	157	66											147	13	38	87	38
Totals.....		65	97	65	1,013	564	289											610	72	113	247	172
Ward 11	Precinct 1.....	14	31	8	230	134	92											229	15	17	31	26
	Precinct 2.....	15	31	8	292	145	95											251	29	18	37	32
	Precinct 3.....	16	29	9	376	178	116											383	16	18	15	50
	Precinct 4.....	18	33	6	361	143	105											382	31	10	16	33
	Precinct 5.....	10	55	10	448	193	105											406	25	28	54	41
Totals.....		73	179	41	1,707	793	513											1,651	116	91	153	182
Grand Totals.....		586	1,267	451	11,800	5,395	3,161											4,396	536	1,349	1,431	1,220

STATE PRIMARY, SEPTEMBER 20, 1938 — DEMOCRATIC

CANDIDATES FOR		REPRESENTATIVES FIRST MIDDLESEX										REPRESENTATIVES SECOND MIDDLESEX									
Names of Candidates		Whole Number of Ballots Cast	Neville	DeLuca	Fitzgerald	Harrington	Laskey	Mahoney	Sullivan	Toomey	Blanks	Diehl	Brassil	Crane	Pill	Shea	Shine	Sullivan	Blanks		
Ward 1	Precinct 1.....		358	28	181	9	8	266	104	57	317										
	Precinct 2.....		341	79	152	15	26	221	149	153	352										
	Precinct 3.....		320	19	255	9	15	152	160	86	344										
	Precinct 4.....		298	34	82	67	13	136	244	189	285										
	Precinct 5.....		214	12	45	36	8	67	364	165	295										
Totals.....		3,365	1,531	172	715	136	70	842	1,021	650	1,593										
Ward 2	Precinct 1.....		88	8	18	62	3	18	95	45	77										
	Precinct 2.....		364	12	120	82	6	55	293	198	286										
	Precinct 3.....		244	10	53	63	4	55	155	120	144										
	Precinct 4.....		206	20	40	39	5	41	120	83	120										
	Precinct 5.....		131	7	37	24	2	25	78	82	104										
Totals.....		1,921	1,033	57	268	270	20	194	741	528	731										
Ward 3	Precinct 1.....		222	15	51	19	5	47	306	136	219										
	Precinct 2.....		282	6	60	40	2	64	285	87	246										
	Precinct 3.....		248	3	42	36	2	25	126	115	133										
	Precinct 4.....		294	3	88	36	4	82	182	119	212										
	Precinct 5.....		256	3	132	26	2	51	103	120	211										
Totals.....		2,373	1,302	30	373	157	15	269	1,002	577	1,021										
			3,866	259	1,356	563	105	1,305	2,764	1,755	3,345										
Ward 4	Precinct 1.....											102	13	93	58	42	3	60	77		
	Precinct 2.....											115	16	106	67	50	7	42	121		
	Precinct 3.....											80	16	85	81	57	3	66	94		
	Precinct 4.....											84	6	182	88	64	6	83	151		
	Precinct 5.....											78	14	124	59	99	12	119	131		
Totals.....		1,377										459	65	590	353	312	31	370	574		

Ward 5	Precinct 1.....	180	13	123	76	47	3	113	143
	Precinct 2.....	122	13	99	74	68	4	60	104
	Precinct 3.....	241	16	100	86	71	7	118	197
	Precinct 4.....	328	15	82	73	60	5	88	221
	Totals.....	871	57	404	309	246	19	379	665
Ward 6	Precinct 1.....	124	11	75	105	98	6	128	117
	Precinct 2.....	129	8	73	74	76	6	120	108
	Precinct 3.....	105	13	122	99	146	13	233	189
	Precinct 4.....	127	11	106	41	185	23	298	225
	Totals.....	485	43	376	319	505	48	779	639
		1,815	165	1,370	981	1,063	98	1,528	1,878

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CANDIDATES FOR		REPRESENTATIVES THIRD MIDDLESEX														DISTRICT ATTORNEY		COUNTY COMMISSIONER												
Names of Candidates		Whole Number of Ballots Cast	O'Neill	Brogan	Burns	Carroll	Cosgrove	Curry	Donovan	Fitzgerald	Gibson	Leahy	LeBlanc	McCann	Quinn	Stacey	Sullivan	Tierney	Blanks	Bruin	Carroll	McLaughlin	Blanks	Brennan, T. B.	Brennan, R.	Carragher	Champey	Farley	Osborne	Blanks
Ward 1	Prec. 1..																			47	166	285	166	272	36	21	132	22	14	167
	Prec. 2..																			53	190	309	192	209	42	22	232	32	12	195
	Prec. 3..																			51	180	281	168	238	53	27	128	20	11	203
	Prec. 4..																			69	166	270	169	224	47	29	158	15	17	184
	Prec. 5..																			51	166	253	133	241	40	19	109	26	13	155
Totals.....		3,365																		271	868	1,398	828	1,184	218	118	759	115	67	904
Ward 2	Prec. 1..																			13	57	91	46	75	20	9	32	9	4	58
	Prec. 2..																			49	194	318	147	340	38	18	87	22	17	186
	Prec. 3..																			31	110	187	96	166	40	15	73	12	19	99
	Prec. 4..																			30	80	141	86	135	8	11	53	16	8	106
	Prec. 5..																			20	59	116	50	108	16	13	30	11	7	60
Totals.....		1,921																		143	500	853	425	824	122	66	275	70	55	509
Ward 3	Prec. 1..																			29	118	256	107	219	29	11	99	21	7	124
	Prec. 2..																			54	134	229	119	237	39	18	68	20	13	141
	Prec. 3..																			23	91	187	64	178	22	10	36	14	8	97
	Prec. 4..																			40	141	205	124	257	34	8	36	9	8	158
	Prec. 5..																			52	117	188	95	221	17	9	40	12	15	138
Totals.....		2,373																		198	601	1,065	509	1,112	141	56	279	76	51	658
Ward 4	Prec. 1..																			12	56	115	41	94	23	8	26	9	11	53
	Prec. 2..																			22	67	115	58	112	13	9	27	13	10	78
	Prec. 3..																			18	51	124	48	116	15	3	28	13	26	40
	Prec. 4..																			21	85	160	66	146	27	11	28	8	6	106
	Prec. 5..																			27	86	135	70	152	9	2	25	13	7	110
Totals.....		1,377																		100	345	649	283	620	87	33	134	56	60	387
Ward 5	Prec. 1..																			28	95	157	69	165	22	8	33	17	16	88
	Prec. 2..																			19	65	141	47	122	23	6	40	13	7	61
	Prec. 3..																			35	94	210	79	170	35	10	37	25	12	129
	Prec. 4..																			40	97	209	90	212	26	14	35	19	13	117
Totals.....		1,475																		122	351	717	285	669	106	38	145	74	48	395

REPORT OF ELECTION COMMISSIONERS

[illegible]

STATE PRIMARY, SEPTEMBER 20, 1938 — DEMOCRATIC

CANDIDATES FOR		SHERIFF							CLERK OF COURTS	
Names of Candidates		Whole Number of Ballots Cast	Dee	Deluca	Hennessey	McDonough	Walsh	Blanks	Ford	Blanks
Ward 1	Precinct 1.....		226	129	40	12	100	157	485	179
	Precinct 2.....		225	198	32	21	83	185	537	207
	Precinct 3.....		246	116	36	15	84	183	470	210
	Precinct 4.....		232	179	40	13	79	131	469	205
	Precinct 5.....		243	100	36	20	74	130	435	168
Totals.....		3,365	1,172	722	184	81	420	786	2,396	969
Ward 2	Precinct 1.....		73	26	12	8	29	59	143	64
	Precinct 2.....		341	90	33	19	93	132	531	177
	Precinct 3.....		185	61	20	12	55	91	321	103
	Precinct 4.....		136	47	31	11	39	73	239	98
	Precinct 5.....		108	32	15	7	38	45	191	54
Totals.....		1,921	843	256	111	57	254	400	1,425	496
Ward 3	Precinct 1.....		264	76	21	9	67	73	393	117
	Precinct 2.....		253	53	34	11	76	109	404	132
	Precinct 3.....		198	29	18	7	58	55	283	82
	Precinct 4.....		279	28	21	10	54	118	352	158
	Precinct 5.....		260	24	29	1	39	99	320	132
Totals.....		2,373	1,254	210	123	38	294	454	1,752	621
Ward 4	Precinct 1.....		112	21	16	6	35	34	170	54
	Precinct 2.....		130	20	11	6	34	61	192	70
	Precinct 3.....		107	31	12	11	39	41	187	54
	Precinct 4.....		172	31	13	9	33	74	242	90
	Precinct 5.....		166	17	13	10	40	72	229	89
Totals.....		1,377	687	120	65	42	181	282	1,020	357
Ward 5	Precinct 1.....		175	44	14	7	45	64	248	101
	Precinct 2.....		124	29	19	3	48	49	213	59
	Precinct 3.....		190	50	32	14	53	79	322	96
	Precinct 4.....		210	54	28	12	60	72	323	113
Totals.....		1,475	699	177	93	36	206	264	1,106	369

Ward 6	Precinct 1.....	163	46	16	5	40	62	244	88
	Precinct 2.....	127	56	12	14	43	45	216	81
	Precinct 3.....	243	59	21	6	57	74	342	118
	Precinct 4.....	323	34	15	8	33	95	351	157
Totals.....		856	195	64	33	173	276	1,153	444
Ward 7	Precinct 1.....	174	15	13	2	33	39	208	68
	Precinct 2.....	225	14	9	3	24	34	236	73
	Precinct 3.....	92	18	5	6	23	51	120	75
	Precinct 4.....	335	33	19	9	72	79	415	132
	Precinct 5.....	60	2	4	2	7	20	71	24
Totals.....		886	82	50	22	159	223	1,050	372
Ward 8	Precinct 1.....	101	15	4	4	22	53	138	61
	Precinct 2.....	66	9	7	4	13	33	84	48
	Precinct 3.....	86	30	8	5	19	67	130	85
	Precinct 4.....	130	11	8	6	21	41	164	53
Totals.....		383	65	27	19	75	194	516	247
Ward 9	Precinct 1.....	368	38	36	16	71	124	470	183
	Precinct 2.....	312	39	29	9	58	128	415	170
	Precinct 3.....	84	17	5	3	28	50	119	68
	Precinct 4.....	270	22	13	7	34	78	296	128
	Precinct 5.....	310	105	47	17	97	153	512	217
	Precinct 6.....	231	34	14	9	51	61	309	91
Totals.....		1,575	255	144	61	339	594	2,121	857
Ward 10	Precinct 1.....	224	34	22	7	50	87	305	119
	Precinct 2.....	120	11	8	4	19	33	132	63
	Precinct 3.....	187	37	8	6	35	70	252	91
	Precinct 4.....	231	75	24	13	81	106	386	144
	Precinct 5.....	328	68	27	13	64	101	441	160
Totals.....		1,090	225	89	43	249	397	1,516	577
Ward 11	Precinct 1.....	270	24	21	9	71	114	359	150
	Precinct 2.....	296	43	42	12	67	126	418	168
	Precinct 3.....	324	91	35	26	71	177	484	240
	Precinct 4.....	296	91	43	21	83	132	467	199
	Precinct 5.....	452	67	41	20	83	158	603	218
Totals.....		1,638	316	182	88	375	707	2,331	975
Grand Totals.....		11,083	2,623	1,132	520	2,725	4,577	16,386	6,284

STATE PRIMARY, SEPTEMBER 20, 1938 -- REPUBLICAN

CITY OF CAMBRIDGE

CANDIDATES FOR	GOVERNOR					LIEUTENANT-GOVERNOR					SECRE- TARY			TREASURER			AUDITOR		ATTORNEY GENERAL			CONG. EIGHTH DIST.						
	Whole Number of Ballots Cast	Butler	McMasters	Saltonstall	Whitcomb	Blanks	Archambault	Cahill	Flett	Howard	Johnson	Wilson	Blanks	Cook	Hurley	Cook	Hurley	Blanks	Goodwin	Wood	Blanks	Amee	Barnes	Walters	Blanks	Bond	White	
Names of Candidates	Ward 1	Precinct 1.....	39	6	1	28	2	2	3	9	4	6	5	2	10	27	12	15	12	9	7	17	7	1	14			
		Precinct 2.....	12	0	1	6	3	1	3	1	0	3	0	4	9	3	7	3	0	2	9	7	1	1	3			
		Precinct 3.....	16	3	1	9	1	2	6	4	0	0	0	4	12	4	0	0	10	3	9	10	2	1	3			
		Precinct 4.....	25	0	2	22	1	0	9	11	0	0	2	3	20	5	12	7	4	3	18	13	6	1	5			
		Precinct 5.....	15	0	6	8	0	1	5	2	1	2	1	3	13	2	7	5	1	2	10	9	2	1	3			
	Totals.....	107	9	11	73	7	7	32	22	7	10	5	24	81	26	41	30	18	18	16	70	56	18	5	28			
	Ward 2	Precinct 1.....	14	1	1	8	2	2	1	5	2	1	3	11	3	5	7	0	2	2	10	8	1	2	3	4	7	3
		Precinct 2.....	75	3	6	49	7	10	13	15	9	14	6	12	52	23	30	25	4	16	52	46	7	7	15	26	30	19
		Precinct 3.....	71	2	10	54	1	4	19	16	7	7	10	9	58	13	29	32	3	7	54	48	8	6	9	30	28	13
		Precinct 4.....	77	2	17	51	2	5	14	16	15	12	4	8	65	12	32	31	4	10	55	43	12	6	16	30	29	18
		Precinct 5.....	112	3	20	83	2	4	36	15	20	19	8	7	100	12	46	50	3	13	85	76	19	4	13	45	48	19
	Totals.....	349	11	54	245	14	25	83	63	56	54	29	39	286	63	142	145	14	48	39	256	221	47	25	56	135	142	72
	Ward 3	Precinct 1.....	27	0	4	19	2	2	8	2	2	3	2	23	4	9	12	5	1	6	20	22	4	0	1	13	11	3
		Precinct 2.....	36	1	6	26	1	1	9	9	2	5	4	6	29	7	11	12	7	3	29	22	5	1	8	10	15	11
		Precinct 3.....	63	2	9	42	6	4	15	13	7	11	7	6	54	9	28	30	0	5	48	40	9	3	11	24	26	13
		Precinct 4.....	80	2	7	64	3	4	14	12	15	14	9	5	67	13	44	25	3	8	63	59	6	5	10	45	22	13
		Precinct 5.....	66	0	0	62	2	1	12	16	15	10	6	6	53	13	42	10	6	4	58	41	15	2	8	33	17	16
	Totals.....	272	5	26	213	14	14	59	58	41	42	29	25	226	46	134	89	21	28	30	218	184	39	11	38	125	91	56
	Ward 4	Precinct 1.....	73	2	6	55	3	7	15	6	14	7	9	59	14	23	35	6	9	8	55	46	11	6	10			
		Precinct 2.....	159	3	12	132	10	2	49	24	40	25	7	10	141	18	98	40	7	14	124	98	39	9	13			
		Precinct 3.....	242	3	34	184	16	5	67	50	40	39	17	20	216	26	105	115	5	17	192	162	35	23	22			
		Precinct 4.....	298	7	23	261	6	1	54	80	56	49	18	21	262	36	155	109	6	28	228	183	59	10	46			
		Precinct 5.....	280	4	14	246	12	4	71	53	60	41	22	23	250	30	155	90	15	20	213	164	59	11	46			
	Totals.....	1,052	19	89	878	47	19	258	222	202	168	71	83	928	124	536	389	39	88	119	812	653	203	59	137			
	Ward 5	Precinct 1.....	146	6	20	106	12	2	37	21	10	39	19	10	126	20	65	62	8	11	117	107	11	12	16			
		Precinct 2.....	315	5	42	248	11	9	82	64	41	53	33	25	280	35	141	132	9	33	258	211	31	21	52			
		Precinct 3.....	241	1	36	189	6	9	55	51	35	42	15	22	206	35	106	102	4	29	182	147	42	18	34			
		Precinct 4.....	214	8	22	167	4	13	39	52	15	45	23	24	180	34	91	88	5	30	170	131	31	16	36			
		Totals.....	916	20	120	710	33	33	213	188	101	179	90	81	792	124	403	384	26	103	91	727	596	115	67	138		

Ward 6	Precinct 1.....	160	9	26	103	11	11	9	32	31	22	24	17	25	131	29	65	61	13	21	17	120	23	91	27	13	29			
	Precinct 2.....	118	3	12	88	4	11	12	34	23	16	6	8	19	92	26	47	46	8	17	16	87	15	73	18	10	17			
	Precinct 3.....	119	5	10	89	5	10	6	23	30	16	10	11	23	90	29	46	44	10	19	15	86	18	71	17	5	26			
	Precinct 4.....	48	2	4	40	1	1	3	16	11	3	4	6	5	43	5	24	16	3	5	3	41	4	35	6	1	6			
	Totals.....	445	19	52	320	21	33	30	105	95	57	44	42	72	356	89	182	167	34	62	51	334	60	270	68	29	78			
Ward 7	Precinct 1.....	245	5	16	204	15	5	10	43	61	74	38	10	9	226	19	142	84	3	16	35	189	21	147	61	16	21			
	Precinct 2.....	123	4	16	89	11	3	5	39	23	22	17	13	4	116	7	58	55	1	9	14	101	8	80	22	8	13			
	Precinct 3.....	232	3	5	212	9	3	4	45	31	97	33	13	9	218	14	146	62	1	23	34	168	30	131	50	10	41			
	Precinct 4.....	95	1	15	76	3	0	3	19	21	18	15	13	6	77	18	45	32	6	12	4	78	13	64	14	7	10			
	Precinct 5.....	186	2	7	168	8	1	5	41	37	44	38	16	5	168	18	116	53	2	15	21	147	18	107	44	8	27			
Totals.....	881	15	59	749	46	12	27	187	173	255	141	65	33	805	76	507	286	13	75	108	683	90	529	191	49	112				
Ward 8	Precinct 1.....	408	2	13	358	32	3	5	85	67	145	74	17	15	379	29	279	95	5	29	44	330	34	211	116	16	65			
	Precinct 2.....	337	0	13	305	17	2	13	54	63	114	61	22	10	312	25	204	102	4	27	31	281	25	183	89	19	46			
	Precinct 3.....	267	1	9	250	4	3	4	50	40	118	31	17	7	241	26	169	69	3	26	22	225	20	136	85	8	38			
	Precinct 4.....	213	0	6	195	9	3	3	24	29	98	37	13	9	193	20	141	51	1	20	15	161	37	107	65	10	31			
	Totals.....	1,225	3	41	1,108	62	11	25	213	199	475	203	69	41	1,125	100	793	317	13	102	112	997	116	637	355	53	180			
Ward 9	Precinct 1.....	112	1	6	98	2	5	3	22	13	40	17	8	9	97	15	63	35	0	14	10	82	20	68	19	3	22			
	Precinct 2.....	74	1	3	65	2	3	3	8	18	26	8	6	5	68	6	43	20	1	10	10	53	11	47	14	2	11			
	Precinct 3.....	255	1	2	242	7	3	4	38	27	131	32	12	11	229	26	188	45	2	20	17	205	33	121	76	8	50			
	Precinct 4.....	112	3	1	102	6	0	3	28	22	30	17	8	4	103	9	74	30	0	8	15	83	14	74	19	4	15			
	Precinct 5.....	59	1	6	44	7	1	0	9	23	7	11	6	3	48	11	26	22	0	11	8	40	11	33	6	5	15			
	Precinct 6.....	139	0	6	131	2	0	2	28	22	50	25	10	2	126	13	93	37	0	9	20	101	18	94	18	6	21			
Totals.....	751	7	24	682	26	12	15	133	125	284	110	50	34	671	80	487	189	3	72	80	564	107	437	152	28	134				
Ward 10	Precinct 1.....	142	1	20	111	9	1	1	36	44	18	27	10	6	136	6	77	54	2	9	16	118	8	94	23	12	13			
	Precinct 2.....	420	1	12	386	20	1	19	79	100	112	73	27	10	394	26	283	102	7	28	52	331	37	267	79	17	57			
	Precinct 3.....	194	2	11	175	4	2	8	48	45	43	25	17	8	179	15	105	72	4	13	22	163	9	114	43	16	21			
	Precinct 4.....	100	6	7	80	3	4	9	12	21	27	14	7	10	82	18	58	22	6	14	4	82	14	61	11	7	21			
	Precinct 5.....	126	5	12	100	7	2	8	23	37	27	13	9	9	112	14	58	50	4	14	9	104	13	80	24	5	17			
Totals.....	982	15	62	852	43	10	45	198	247	227	152	70	43	903	79	581	300	23	78	103	798	81	616	180	57	129				
Ward 11	Precinct 1.....	54	1	7	42	0	4	8	10	12	6	8	4	6	42	12	26	18	1	9	3	41	10	24	15	3	12			
	Precinct 2.....	51	1	10	39	0	1	17	9	8	4	8	2	3	42	9	21	21	3	6	5	39	7	32	7	4	8			
	Precinct 3.....	66	3	22	29	2	10	21	5	12	3	7	2	16	38	28	23	15	5	23	3	41	22	34	4	4	24			
	Precinct 4.....	55	3	18	21	5	8	18	5	6	2	9	4	11	36	19	13	17	7	18	9	29	17	27	3	2	23			
	Precinct 5.....	68	4	22	35	3	4	5	10	16	9	15	2	11	58	10	28	29	2	9	10	49	9	43	3	9	13			
Totals.....	294	12	79	166	10	27	69	39	54	24	47	14	47	216	78	111	100	18	65	30	199	65	160	32	22	80				
Grand Totals.....		7,274	135	617	5,996	323	203	373	1,520	1,446	1,729	1,150	534	522	6,389	885	3,917	2,396	222	739	779	5,658	837	4,359	1,400	405	1,110	260	233	128

STATE PRIMARY, SEPTEMBER 20, 1938 — REPUBLICAN

CITY OF CAMBRIDGE

CANDIDATES FOR	CONG. NINTH DISTRICT			CONG. FIFTH DISTRICT			COUNCILLOR THIRD DISTRICT			SENATOR THIRD SUFFOLK		SENATOR SECOND MIDDLESEX		REP. FIRST MIDDLE.		REPRESENTATIVES SECOND MIDDLESEX											
	Whole Number of Ballots Cast	Luce	Rowe	Blanks	Rogers	Blanks	Brooks	Arnold	Morahan	Blanks	Curtis	Blanks	Blanchard	Tillinghast	Blanks	Doyle	Blanks	Canfield	Davis	Edgerly	Engquist	Lavigne	McSorley	Mickle	Squire	Swenson	Blanks
Names of Candidates	Ward 1 Prec. 1 . . .						20	2	1	16	28	11				21	57										
	Prec. 2 . . .						1	6	1	4	8	4				6	18										
	Prec. 3 . . .						1	8	1	6	11	5				11	21										
	Prec. 4 . . .						11	4	0	10	18	7				18	32										
	Prec. 5 . . .						10	1	1	3	13	2				10	20										
Totals	107						43	21	4	39	78	29				66	148										
Ward 2	Prec. 1 . . .						8	3	1	2	12	2				11	17										
	Prec. 2 . . .						44	8	3	20	53	22				48	102										
	Prec. 3 . . .						48	8	3	12	56	15				51	91										
	Prec. 4 . . .						39	11	11	16	56	21				46	108										
	Prec. 5 . . .						71	14	11	16	94	18				75	149										
Totals	349						210	44	29	66	271	78				231	467										
Ward 3	Prec. 1 . . .						13	9	4	1	20	7				22	32										
	Prec. 2 . . .						18	3	2	13	26	10				24	48										
	Prec. 3 . . .						35	12	6	10	51	12				45	81										
	Prec. 4 . . .						48	12	6	14	60	20				54	106										
	Prec. 5 . . .						45	3	3	15	50	16				39	93										
Totals	272						159	39	21	53	207	65				184	360										
Ward 4	Prec. 1 . . .		35	31	7		47	9	6	11			47	17				18	8	12	12	23		3	6	39	22
	Prec. 2 . . .		100	49	10		111	10	7	31			95	50				36	9	29	26	23		10	12	96	72
	Prec. 3 . . .		141	81	20		175	12	13	42			136	80				55	23	61	39	16		16	26	162	76
	Prec. 4 . . .		159	113	26		187	47	11	53			158	103				70	28	57	55	21		19	30	198	103
	Prec. 5 . . .		137	114	29		209	20	9	42			153	100				61	29	50	30	9		20	21	203	107
Totals	1,052	572	388	92			729	98	46	179			589	350				240	97	209	162	92		72	59	698	380
Ward 5	Prec. 1 . . .		76	57	13		93	22	13	18			79	53				22	30	27	19	11		4	23	79	60
	Prec. 2 . . .		201	89	25		215	31	14	55			166	116				53	28	112	22	15		32	48	187	93
	Prec. 3 . . .		131	86	24		138	29	13	61			145	69				23	42	48	25	11		22	61	131	95
	Prec. 4 . . .		110	84	20		122	24	25	43			128	58				27	47	39	18	16		27	41	108	86
Totals	916	518	316	82			568	106	65	177			518	296	102			125	147	226	84	53		85	173	505	334

REPORT OF ELECTION COMMISSIONERS

[illegible]

STATE PRIMARY, SEPTEMBER 20, 1938 — REPUBLICAN

CANDIDATES FOR		REPRESENTATIVES THIRD MIDDLESEX							DISTRICT ATTORNEY			COUNTY COMMISSIONER							SHERIFF	CLERK OF COURTS					
Names of Candidates		Whole Number of Ballots Cast	Christensen	Hathaway	Hull	Lane	Nadeau	Tibbets	Blanks	Bishop	Bradford	Blanks	Adams	Braden	Brown	Chisholm	Osborn	Pratt	Warren	Blanks	McElroy	Blanks	Hamilton	Putnam	Blanks
Ward 1	Precinct 1.....	39								19	16	4	2	1	10	5	0	4	3	14	28	11	13	15	11
	Precinct 2.....	12								7	3	2	1	2	3	0	0	0	0	4	9	3	6	4	2
	Precinct 3.....	16								8	4	4	2	2	2	0	0	0	0	8	11	5	5	5	6
	Precinct 4.....	25								7	16	2	0	3	5	0	1	7	3	6	22	3	5	14	6
	Precinct 5.....	15								8	6	1	1	3	0	2	0	1	4	4	12	3	3	9	3
Totals.....		107								49	45	13	6	11	20	7	1	12	14	36	82	25	32	47	28
Ward 2	Precinct 1.....	14								9	3	2	0	0	1	1	1	4	3	4	12	2	4	7	3
	Precinct 2.....	75								27	32	16	10	9	11	4	1	9	11	20	53	22	37	26	12
	Precinct 3.....	71								30	31	10	9	7	9	4	0	9	16	17	60	11	31	30	10
	Precinct 4.....	77								34	34	9	1	8	11	5	3	11	19	19	66	11	28	33	16
	Precinct 5.....	112								42	58	12	7	9	14	7	3	8	43	21	94	18	29	64	19
Totals.....		349								142	158	49	27	33	46	21	8	41	92	81	285	64	129	160	60
Ward 3	Precinct 1.....	27								14	11	2	3	1	4	3	0	4	9	3	23	4	12	11	4
	Precinct 2.....	36								15	16	5	4	2	4	2	1	6	7	10	27	9	8	21	7
	Precinct 3.....	63								37	22	4	3	9	7	5	0	8	18	13	57	6	18	32	13
	Precinct 4.....	80								25	49	6	5	9	11	6	0	14	21	14	72	8	23	43	14
	Precinct 5.....	66								21	41	4	3	4	11	6	3	4	20	15	51	15	13	43	10
Totals.....		272								112	139	21	18	25	37	22	4	36	75	55	230	42	74	150	48
Ward 4	Precinct 1.....	73								33	29	11	5	4	10	2	1	18	13	20	58	15	33	27	13
	Precinct 2.....	159								63	88	8	4	25	16	14	2	12	47	39	138	21	27	106	26
	Precinct 3.....	242								82	136	24	22	25	20	10	7	27	85	46	203	39	60	140	42
	Precinct 4.....	298								79	187	32	16	34	34	17	9	20	99	69	246	52	60	174	64
	Precinct 5.....	280								84	171	25	22	31	34	16	7	17	81	72	239	41	61	162	57
Totals.....		1,052								341	611	100	69	119	114	59	26	94	325	246	884	168	241	609	202
Ward 5	Precinct 1.....	146								69	67	10	20	14	18	8	2	16	34	34	128	18	54	68	24
	Precinct 2.....	315								125	161	29	27	27	31	20	5	36	91	78	278	37	111	150	54
	Precinct 3.....	241								102	113	26	18	19	26	16	6	28	76	52	206	35	83	111	47
	Precinct 4.....	214								105	92	17	10	18	23	17	7	23	52	64	183	31	63	106	45
Totals.....		916								401	433	82	75	78	98	61	20	103	253	228	795	121	311	435	170

Ward 6 Precinct 1.....

REPORT OF ELECTION COMMISSIONERS

[illegible]

STATE CONVENTION DELEGATES, SEPTEMBER 20, 1938 — DEMOCRATIC

Names of Candidates	WARD 1			WARD 2			WARD 3				WARD 4			
	Carroll	Harney	Blanks	McCusker	Smith	Blanks	Daly	Reardon	Morris	Culhane	Blanks	Barry	Hirl	Blanks
Prec. 1..	343	348	637	78	82	47	162	179	131	128	420	140	41	43
Prec. 2..	328	383	777	173	398	137	173	209	120	118	452	157	43	62
Prec. 3..	298	384	678	194	150	80	145	124	112	82	267	160	39	42
Prec. 4..	359	330	659	141	124	72	182	232	130	99	377	226	27	79
Prec. 5..	335	282	589	89	105	51	193	154	106	96	355	227	30	61
Totals ..	1663	1,727	3,340	675	859	387	855	898	599	523	1,871	910	180	287

Names of Candidates	WARD 5			WARD 6		WARD 7			
	Allt	Pelletier	Blanks	McMorrow	Blanks	McCusker	McKeown	Reardon	Blanks
Precinct 1.....	171	117	61	237	95	44	50	107	75
Precinct 2.....	94	130	48	217	80	55	65	113	76
Precinct 3.....	200	124	94	337	123	40	26	63	66
Precinct 4.....	262	99	75	365	143	125	96	221	105
Precinct 5.....	...	...	...	...	...	22	23	23	27
Totals.....	727	470	278	1,156	441	286	260	527	349

Names of Candidates	WARD 8			WARD 9			WARD 10		WARD 11			
	Fitzmaurice	Sughrue	Blanks	Corcoran	Leary	Brogan	Blanks	Tierney	Blanks	McLellan	Schuler	Blanks
Prec. 1	55	91	53	241	271	228	566	318	106	243	258	517
Prec. 2	50	31	51	204	235	218	493	139	56	270	342	560
Prec. 3	97	50	68	45	61	49	219	257	86	288	387	773
Prec. 4	135	36	46	155	166	163	364	385	145	287	349	696
Prec. 5	...	...	...	316	273	239	630	447	154	449	387	806
Prec. 6	...	...	...	145	159	138	358	...	...	...	...	...
Totals	337	208	218	1,106	1,165	1,035	2,630	1,546	547	1,537	1,723	3,352

STATE CONVENTION DELEGATES, SEPTEMBER 20, 1938 — REPUBLICAN

WARD 1					WARD 2					WARD 3			
Names of Candidates	Cabral	McElroy	Zaccaria	Blanks	Joel	Nicholas	Wallace	Hall	Blanks	Thomas	Wasser	Clark	Blanks
Prec. 1	16	21	14	27	10	8	9	9	20	17	19	18	27
Prec. 2	2	9	6	7	53	41	49	47	110	18	22	19	49
Prec. 3	6	7	7	12	60	56	55	56	57	44	40	43	62
Prec. 4	15	16	9	10	50	51	51	54	102	47	40	50	103
Prec. 5	8	6	3	13	75	73	74	76	150	36	44	33	85
Totals.	47	59	39	69	248	229	238	242	439	162	165	163	326

WARD 4										WARD 5						
Names of Candidates	Johnson	Canfield	Nay	Black	Shallna	Rodhan	Seidenberg	Browne	Blanks	Wood	Manson	Peterson	Taylor	Serino	Palmer	Blanks
Precinct 1	45	42	41	40	39	41	39	47	250	106	86	90	99	80	86	329
Precinct 2	100	101	93	93	97	93	92	67	536	217	200	177	177	167	179	773
Precinct 3	173	167	158	153	145	146	143	153	698	163	157	147	150	149	127	553
Precinct 4	211	194	177	165	159	167	159	171	981	139	119	121	120	120	125	540
Precinct 5	185	170	167	162	160	169	159	164	904	...	...	...	...	...	...	...
Totals	714	674	636	613	600	616	592	602	3,369	625	562	535	546	516	517	2,195

WARD 6							WARD 7								
Names of Candidates	Moore	Robinson	Griffiths	McDermott	Simmons	Blanks	Beane	Nelson	Scott	Moore	Casmay	Cox	Bee	Skinner	Blanks
Precinct 1	53	74	53	32	72	196	181	177	171	171	178	177	170	183	552
Precinct 2	40	43	45	38	50	138	86	78	77	76	89	78	82	78	340
Precinct 3	46	45	53	30	46	137	178	173	175	173	176	179	171	176	455
Precinct 4	11	14	32	37	21	29	59	49	59	52	63	56	50	54	318
Precinct 5 . . . . .	...	...	...	...	...	...	137	115	115	114	128	119	110	124	526
Totals	150	176	183	137	189	500	641	592	597	586	634	609	583	615	2,191

STATE CONVENTION DELEGATES, SEPTEMBER 20, 1938 — REPUBLICAN

WARD 8

Names of Candidates	Parker	Winslow	Robinson	Anderson	Hall	Kendall	Stuart	McGuire	Miller	Gerould	Blanks
Precinct 1 . . .	289	327	296	288	314	300	284	302	299	295	1,086
Precinct 2 . . .	230	257	231	223	248	227	226	221	230	225	1,052
Precinct 3 . . .	186	204	197	179	199	182	175	173	180	185	810
Precinct 4 . . .	149	155	152	147	154	145	141	138	139	147	663
Totals	854	943	876	837	915	854	826	834	848	852	3,611

WARD 9

Names of Candidates	Stjerrfelt	Sayward	Rowell	Ames	Hathaway	Drinkwater	Loja	Blanks
Precinct 1	73	74	78	77	78	87	73	244
Precinct 2	47	53	47	52	52	57	41	169
Precinct 3	163	170	169	169	173	208	159	574
Precinct 4	68	79	74	74	77	87	66	259
Precinct 5	34	31	29	32	29	31	28	199
Precinct 6	97	100	105	100	99	111	97	264
Totals	482	507	502	504	508	581	464	1,709

WARD 10

WARD 11

Names of Candidates	Tillinghast	Kidder	Parker	Usher	Mariner	Fraser	Hathaway	Blanks	Christensen	Nadeau	Carter	Blanks
Prec. 1	104	106	95	96	89	97	113	294	33	32	32	65
Prec. 2	313	304	283	303	286	297	309	845	32	31	26	64
Prec. 3	138	139	133	154	117	129	144	404	30	37	18	113
Prec. 4	66	66	65	64	58	67	61	253	31	26	23	85
Prec. 5	94	86	88	88	80	87	87	272	48	38	42	76
Totals	715	701	664	705	630	677	714	2,068	174	164	141	403

UNION PARTY PRIMARY, SEPTEMBER 20, 1938

Governor

James Russell.....	1
Frances E. Kelley.....	1
Joseph M. Heffernan.....	1
Leverett Saltonstall.....	1
Blanks.....	10

Lieutenant Governor

Joseph Harney.....	1
Blanks.....	13

Secretary

John E. Spillane.....	1
Blanks.....	13

Treasurer

Ralph S. Williams.....	1
Blanks.....	13

Auditor

John E. Spillane.....	1
Ralph S. Williams.....	1
Blanks.....	12

Attorney-General

Ralph D. Jackson.....	1
John Joseph Murphy.....	1
Blanks.....	12

Senator, Second Middlesex

John F. Moran.....	2
Blanks.....	12

Representative, Second Middlesex

Michael Sullivan.....	1
Blanks.....	11

Representative, Third Middlesex

Elizabeth M. Curry.....	1
Thomas O'Neil.....	1
Blanks.....	19

District Attorney

Paul Dever.....	1
Blanks.....	13

Blank for all other candidates. Total votes cast 14.

STATE ELECTION, NOVEMBER 8, 1938

CANDIDATES FOR		GOVERNOR										LIEUTENANT GOVERNOR					SECRETARY OF STATE								
Names of Candidates	Whole Number of Ballots Cast	Blomen	Bruneau	Campbell	Curley	Davenport	Hood	Manser	McMasters	Saltonstall	Thompson	Blanks	Blank	Brennan	Cahill	Follett	Massidda	McGlynn	Blanks	Cook	DeGregory	Foley	Lane	Rowe	Blanks
		1	0	3	710	4	2	1	0	0	116	0	15	4	668	107	6	4	3	60	157	7	607	6	1	74
Ward 1 Prec. 1	852	3	710	4	2	1	0	0	116	0	15	4	668	107	6	4	3	60	157	7	607	6	1	74	
Prec. 2	950	6	816	1	0	1	1	1	103	0	19	10	770	95	3	9	2	61	133	8	714	7	6	82	
Prec. 3	837	5	754	0	0	3	0	0	61	0	12	8	687	70	7	9	4	52	99	11	667	4	6	50	
Prec. 4	914	2	756	0	4	4	4	1	119	1	19	14	723	109	4	9	7	48	147	15	682	6	6	58	
Prec. 5	765	3	643	0	4	0	1	0	96	0	10	12	628	74	0	9	8	34	104	7	588	7	6	53	
Totals.....	4,318	19	3,679	5	10	9	6	495	1	75	48	3,476	455	20	40	24	255	640	48	3,258	30	25	317		
Ward 2 Prec. 1	307	1	237	0	3	0	2	0	56	0	7	4	219	54	1	2	3	24	72	5	202	4	2	22	
Prec. 2	1,084	2	830	3	5	0	3	0	212	0	18	11	788	205	1	8	8	63	272	6	725	9	5	67	
Prec. 3	774	1	513	2	3	0	3	0	234	0	14	5	495	227	3	3	4	37	282	10	432	9	5	36	
Prec. 4	741	4	485	1	8	0	3	0	232	0	6	9	461	216	5	4	4	42	272	16	393	6	5	49	
Prec. 5	695	1	379	0	0	0	0	0	301	0	12	7	359	289	4	4	2	30	319	2	321	7	2	44	
Totals.....	3,601	14	2,444	6	19	0	11	1,035	0	57	36	2,322	991	14	21	21	196	1,217	39	2,073	35	19	218		
Ward 3 Prec. 1	746	0	631	0	0	0	2	0	97	0	16	4	607	89	5	4	4	33	126	6	572	3	4	35	
Prec. 2	773	1	641	2	1	0	1	0	108	0	15	5	620	103	2	1	1	41	137	11	574	3	2	46	
Prec. 3	681	0	456	0	0	1	1	1	198	1	16	4	471	180	0	5	1	20	207	0	438	5	7	24	
Prec. 4	847	1	595	0	0	0	3	0	234	0	13	3	574	236	1	2	4	27	268	8	525	3	2	41	
Prec. 5	775	0	495	1	3	1	1	1	260	1	11	9	505	228	1	3	1	28	265	7	462	7	1	33	
Totals.....	3,822	2	2,818	3	4	2	8	897	2	71	25	2,777	836	9	15	11	149	1,003	32	2,571	21	16	179		
Ward 4 Prec. 1	453	1	283	0	0	0	1	0	159	1	7	0	262	164	3	3	6	15	199	2	234	3	1	14	
Prec. 2	717	1	289	1	4	0	1	0	411	0	7	4	303	381	0	4	0	25	413	1	272	5	1	25	
Prec. 3	894	0	351	2	4	0	3	0	519	0	12	4	352	497	4	4	1	32	548	5	296	8	1	36	
Prec. 4	1,102	2	399	0	3	0	4	0	666	2	17	4	413	648	3	6	2	26	674	3	376	9	4	36	
Prec. 5	1,106	0	373	1	9	0	5	0	700	0	13	14	390	676	1	8	0	17	700	12	351	5	3	35	
Totals.....	4,272	4	1,695	4	20	0	14	2,455	3	56	26	1,720	2,366	11	25	9	115	2,534	23	1,529	30	10	146		
Ward 5 Prec. 1	817	2	507	1	1	0	0	0	289	1	15	3	461	308	11	1	1	32	353	4	406	2	3	49	
Prec. 2	984	0	382	0	1	0	3	0	580	1	17	4	380	568	1	2	3	26	600	7	343	1	4	29	
Prec. 3	1,134	2	595	0	3	1	4	0	507	0	20	4	580	491	6	4	9	40	563	10	500	9	7	45	
Prec. 4	953	2	506	2	0	0	0	0	430	1	9	8	468	434	4	4	0	35	470	4	423	4	4	48	
Totals.....	3,888	6	1,990	3	5	1	7	1,806	3	61	19	1,889	1,801	22	11	13	133	1,986	25	1,672	16	18	171		

Ward 6	Prec. 1	858	2	0	0	0	0	0	0	2	346	2	13	5	438	338	6	6	7	58	382	7	392	6	2	69
	Prec. 2	662	3	1	1	1	2	2	2	2	221	1	8	7	383	233	1	3	5	30	281	7	331	6	4	33
	Prec. 3	869	4	0	2	0	0	0	0	0	247	4	18	5	555	249	5	5	4	46	303	6	501	6	3	50
	Prec. 4	797	1	0	2	0	0	2	2	2	234	0	13	3	539	219	1	8	1	26	246	5	490	4	2	50
Totals.....		3,186	10	1	5	1	6	7	7	20	1,048	7	52	20	1,915	1,039	13	22	17	160	1,212	25	1,714	22	11	202
Ward 7	Prec. 1	1,020	1	1	8	0	0	0	1	13	699	1	7	13	308	664	0	5	4	26	692	13	277	10	2	26
	Prec. 2	805	5	1	8	1	1	1	2	11	410	2	11	11	367	392	4	5	4	22	412	5	340	11	7	30
	Prec. 3	902	0	1	12	0	0	0	1	12	676	1	2	12	219	644	3	6	2	16	655	11	197	13	3	23
	Prec. 4	1,032	4	0	1	1	3	0	0	7	313	0	17	7	679	284	2	8	9	43	346	5	620	10	7	44
	Prec. 5	589	0	0	7	0	2	1	1	9	449	1	4	9	129	435	3	4	1	8	433	7	131	8	2	8
Totals.....		4,348	10	3	36	2	6	5	5	52	2,547	5	41	52	1,702	2,419	12	28	20	115	2,539	41	1,565	52	21	131
Ward 8	Prec. 1	1,114	2	2	5	0	0	0	0	5	903	0	11	5	199	883	3	10	2	12	912	7	167	8	0	20
	Prec. 2	1,067	0	0	3	0	0	0	0	6	899	0	8	6	160	872	4	9	2	14	888	5	146	8	1	19
	Prec. 3	843	1	0	7	0	0	1	1	5	616	1	9	5	210	595	2	5	2	24	612	6	184	8	1	32
	Prec. 4	833	0	0	0	0	0	0	0	9	569	0	5	9	255	544	2	2	2	19	553	11	240	3	4	22
Totals.....		3,857	3	2	15	0	0	1	1	25	2,987	1	33	25	824	2,894	11	26	8	69	2,965	29	737	27	6	93
Ward 9	Prec. 1	1,094	1	1	1	0	1	0	0	3	400	0	8	3	687	366	4	4	3	27	405	4	642	7	0	36
	Prec. 2	990	1	0	0	0	2	0	0	0	368	0	19	0	639	314	4	2	6	25	353	2	589	2	1	43
	Prec. 3	852	2	0	3	0	0	1	1	4	676	1	4	4	160	654	1	6	0	27	662	3	149	9	3	26
	Prec. 4	748	0	0	3	0	1	0	0	2	333	0	9	2	410	313	0	6	1	16	338	4	376	6	2	22
	Prec. 5	1,024	2	6	1	0	0	1	1	4	268	1	16	4	724	231	2	4	1	58	292	14	654	3	3	58
	Prec. 6	763	1	0	0	0	2	0	0	2	366	0	14	2	397	334	1	3	1	25	364	4	366	3	0	26
Totals.....		5,471	7	7	8	0	6	2	2	15	2,411	2	70	15	3,017	2,212	12	25	12	178	2,414	31	2,776	30	9	211
Ward 10	Prec. 1	828	1	1	0	0	2	3	3	3	362	3	17	3	457	332	8	1	2	25	381	0	419	2	1	25
	Prec. 2	1,097	7	2	1	0	3	2	2	2	865	2	14	2	216	854	2	3	6	14	867	1	198	3	7	21
	Prec. 3	830	3	2	1	1	1	1	1	4	420	1	16	4	384	412	4	1	3	22	425	3	369	1	5	27
	Prec. 4	883	0	2	0	0	1	1	0	3	252	1	15	3	595	239	2	7	3	34	269	2	556	6	3	47
	Prec. 5	1,115	0	4	2	3	0	2	2	6	412	2	12	6	649	395	2	6	7	50	439	6	613	4	6	47
Totals.....		4,753	11	11	4	4	7	9	9	18	2,311	9	74	18	2,301	2,232	18	18	21	145	2,381	12	2,155	16	22	167
Ward 11	Prec. 1	768	4	1	1	1	4	0	1	5	240	0	10	5	517	210	2	5	2	27	255	3	467	2	3	38
	Prec. 2	829	0	5	0	0	0	0	0	3	194	0	8	3	607	180	0	0	2	37	210	8	557	2	1	51
	Prec. 3	1,051	2	1	0	0	5	1	1	1	212	1	18	1	779	187	3	11	12	58	241	5	738	7	7	53
	Prec. 4	943	2	3	0	1	5	0	1	4	183	0	14	4	720	157	3	5	5	51	230	3	634	8	3	65
	Prec. 5	1,173	1	3	0	0	4	2	0	2	247	2	12	2	883	237	3	3	5	40	289	3	823	1	2	55
Totals.....		4,764	9	13	1	2	18	3	3	15	1,076	3	62	15	3,506	971	11	22	26	213	1,225	22	3,219	20	16	262
Grand Totals ..		46,280	86	61	127	21	89	36	36	299	19,068	36	652	299	25,449	18,216	153	253	182	1,728	20,115	327	23,269	299	173	2,097

STATE ELECTION, NOVEMBER 8, 1938

CANDIDATES FOR	TREASURER					AUDITOR					ATTORNEY-GENERAL											
	Whole Number of Ballots Cast	Asher	Coolidge	Gallagher	Hurley, J. J.	Hurley, W. E.	Pirone	Blanks	Buckley	Flaherty	Hillis	Tusuzian	Williams	Wood	Blanks	Barnes	Dever	Figueiredo	Hogan	Lewis	Oelcher	Blanks
Names of Candidates																						
Ward 1 Precinct 1.....	852	3	10	600	21	132	7	79	627	9	7	5	0	135	69	81	684	8	4	4	1	70
Precinct 2.....	950	6	11	682	15	145	6	85	734	15	3	1	2	111	84	62	798	7	1	6	4	72
Precinct 3.....	837	5	8	641	23	96	2	62	642	15	5	7	2	96	70	36	732	4	3	4	4	54
Precinct 4.....	914	12	14	676	17	139	8	48	689	16	12	6	2	131	58	82	748	9	0	5	6	64
Precinct 5.....	765	6	12	558	21	113	6	49	584	13	7	4	2	101	54	60	640	5	0	10	3	47
Totals.....	4,318	32	55	3,157	97	625	29	323	3,276	68	34	23	8	574	335	321	3,602	33	8	29	18	307
Ward 2 Precinct 1.....	307	5	3	200	10	64	1	24	206	4	2	2	0	64	29	30	245	5	0	2	1	24
Precinct 2.....	1,084	8	21	709	21	246	4	75	716	13	5	6	1	268	75	126	877	11	5	7	1	57
Precinct 3.....	774	5	21	423	24	263	3	35	449	6	6	5	6	260	42	171	547	6	2	6	2	40
Precinct 4.....	741	15	21	403	19	238	3	42	412	6	3	9	5	260	46	160	526	12	1	4	3	35
Precinct 5.....	695	2	13	308	12	317	4	39	317	4	2	1	5	310	56	213	423	1	0	8	0	50
Totals.....	3,601	35	79	2,043	86	1,128	15	215	2,100	33	18	23	17	1,162	248	700	2,618	35	8	27	7	206
Ward 3 Precinct 1.....	746	6	7	532	23	133	4	41	568	5	2	12	2	117	40	61	631	3	4	6	4	37
Precinct 2.....	773	3	9	558	17	137	0	49	582	7	2	3	0	124	55	75	640	2	2	3	1	50
Precinct 3.....	681	3	13	395	27	218	2	23	426	8	1	2	2	212	30	133	508	3	1	13	0	23
Precinct 4.....	847	3	8	502	15	281	0	38	536	5	0	2	5	254	45	165	641	2	1	3	0	35
Precinct 5.....	775	8	13	429	11	281	1	32	459	5	5	8	2	265	31	162	562	6	2	6	0	37
Totals.....	3,822	23	50	2,416	93	1,050	7	183	2,571	30	10	27	11	972	201	596	2,982	16	10	31	5	182
Ward 4 Precinct 1.....	453	1	3	242	21	174	0	12	257	5	1	0	2	173	15	119	317	0	1	3	0	13
Precinct 2.....	717	4	16	252	5	410	2	28	268	6	1	3	1	407	31	307	368	5	0	8	2	27
Precinct 3.....	894	5	16	296	15	526	3	33	328	7	0	2	3	512	42	401	453	2	4	7	0	27
Precinct 4.....	1,102	3	16	337	18	691	3	34	401	6	4	2	3	645	41	517	538	4	2	9	0	32
Precinct 5.....	1,106	12	22	335	16	694	0	27	379	14	2	13	6	659	33	525	534	13	2	7	3	22
Totals.....	4,272	25	73	1,462	75	2,495	8	134	1,633	38	8	20	15	2,396	162	1,869	2,210	24	9	34	5	121
Ward 5 Precinct 1.....	817	3	8	395	13	358	0	40	413	3	2	3	2	342	52	238	521	2	0	4	0	52
Precinct 2.....	984	5	8	315	18	600	4	34	346	2	2	4	4	587	39	475	472	3	2	8	1	23
Precinct 3.....	1,134	7	23	488	26	548	5	37	534	10	8	5	6	519	52	378	693	3	5	10	4	41
Precinct 4.....	953	5	5	435	12	448	2	46	446	3	10	3	7	440	44	319	592	2	1	5	0	34
Totals.....	3,888	20	44	1,633	69	1,954	11	157	1,739	18	22	15	19	1,888	187	1,410	2,278	10	8	27	5	150

Ward 6 Precinct 1.....	858	3	12	382	21	376	3	61	386	7	7	3	9	383	63	260	517	6	3	7	3	62
Precinct 2.....	662	3	10	327	15	266	5	36	341	6	6	2	5	265	37	160	451	1	1	12	1	32
Precinct 3.....	869	4	7	493	18	291	4	52	504	4	5	5	5	301	45	179	623	3	3	5	3	53
Precinct 4.....	797	3	17	464	13	255	0	45	487	5	1	6	3	257	38	145	620	3	0	7	0	21
Totals.....	3,186	13	46	1,666	67	1,188	12	194	1,718	22	19	16	22	1,206	183	744	2,211	13	12	31	7	168
Ward 7 Precinct 1.....	1,020	12	21	255	11	697	1	23	307	9	0	12	5	655	32	516	459	7	0	13	1	24
Precinct 2.....	805	6	26	315	10	413	3	32	359	14	5	7	4	380	36	288	464	3	1	16	4	29
Precinct 3.....	902	13	43	178	7	642	2	17	236	11	2	11	2	611	29	514	342	9	2	19	1	15
Precinct 4.....	1,032	1	26	586	21	336	3	59	624	8	7	4	8	322	59	187	777	4	4	15	2	43
Precinct 5.....	589	7	23	114	5	426	2	12	144	9	1	7	4	410	14	351	211	9	0	8	0	10
Totals.....	4,348	39	139	1,448	54	2,514	11	143	1,670	51	15	41	23	2,378	170	1,856	2,253	32	7	71	8	121
Ward 8 Precinct 1.....	1,114	6	45	161	4	881	0	17	215	11	0	5	4	852	27	716	357	4	0	20	0	17
Precinct 2.....	1,067	5	39	127	1	867	1	27	174	14	1	6	3	841	28	731	293	5	2	21	0	15
Precinct 3.....	843	2	31	183	8	582	2	35	210	9	1	4	2	569	48	478	330	3	1	9	0	22
Precinct 4.....	833	3	21	234	7	544	4	20	272	5	3	6	2	521	24	439	348	5	0	14	3	24
Totals.....	3,857	16	136	705	20	2,874	7	99	871	39	5	21	11	2,783	127	2,364	1,328	17	3	64	3	78
Ward 9 Precinct 1.....	1,094	1	22	610	9	412	1	39	620	11	2	1	4	416	40	270	787	0	2	11	1	23
Precinct 2.....	990	0	9	570	12	363	3	33	604	2	1	0	3	330	50	223	735	0	4	3	1	24
Precinct 3.....	852	4	33	153	4	632	2	24	180	9	3	4	2	628	26	522	286	4	0	18	2	20
Precinct 4.....	748	4	14	360	13	333	0	24	408	3	1	1	0	312	23	224	491	4	0	5	0	24
Precinct 5.....	1,024	2	11	628	22	301	1	59	662	11	3	5	5	275	63	148	818	7	2	5	1	43
Precinct 6.....	763	1	12	350	7	371	2	20	379	4	2	0	2	351	25	278	465	0	0	4	0	16
Totals.....	5,471	12	101	2,671	67	2,412	9	199	2,853	40	12	11	16	2,312	227	1,665	3,582	15	8	46	5	150
Ward 10 Precinct 1.....	828	0	7	403	17	372	0	29	431	2	1	2	5	357	30	252	542	0	3	3	1	27
Precinct 2.....	1,097	2	12	179	5	870	5	24	225	7	5	0	7	822	31	706	349	1	0	9	4	28
Precinct 3.....	830	5	20	323	7	442	0	33	351	2	3	4	1	433	36	325	469	3	0	9	0	24
Precinct 4.....	883	1	14	542	20	257	1	48	564	11	5	3	4	257	39	172	668	3	3	11	2	24
Precinct 5.....	1,115	4	10	607	15	423	7	49	621	10	6	2	1	414	61	281	779	2	1	11	4	37
Totals.....	4,753	12	63	2,054	64	2,364	13	183	2,192	32	20	11	18	2,283	197	1,736	2,807	9	7	43	11	140
Ward 11 Precinct 1.....	768	2	4	449	19	255	2	37	458	1	2	2	3	266	36	167	555	2	3	5	2	34
Precinct 2.....	829	2	5	538	19	221	2	42	571	3	0	2	0	209	44	118	673	4	1	1	0	32
Precinct 3.....	1,051	2	6	626	30	263	11	113	657	42	10	1	11	248	82	118	851	2	2	4	8	66
Precinct 4.....	943	4	7	603	26	233	4	66	611	5	3	2	2	273	47	106	787	3	3	3	1	40
Precinct 5.....	1,173	4	8	768	18	297	5	73	774	3	5	3	6	306	76	152	958	3	3	2	2	53
Totals.....	4,764	14	30	2,984	112	1,269	24	331	3,071	54	20	10	22	1,302	285	661	3,824	14	12	15	13	225
Grand Totals.....	46,280	241	816	22,239	804	19,873	146	2,161	23,694	425	183	218	182	19,256	2,322	13,922	29,695	218	92	418	87	1,848

STATE ELECTION, NOVEMBER 8, 1938

CANDIDATES FOR	CONGRESSMAN ELEVENTH DISTRICT	CONGRESSMAN EIGHTH DISTRICT	CONGRESSMAN NINTH DISTRICT As Corrected by Recount (7 extra ballots)	CONGRESSMAN FIFTH DISTRICT	GOVERNOR'S COUNCIL											
	Whole Number of Ballots Cast	Flaherty	Blanks	Bond	Healey	Blanks	Eliot	Luce	Blanks	Roane	Rogers	Blanks	Brooks	Paine	Roche	Blanks
Ward 1 Precinct 1	852	697	155										98	16	667	71
Precinct 2	950	791	159										67	11	788	84
Precinct 3	837	712	125										57	16	679	85
Precinct 4	914	773	141										91	17	747	59
Precinct 5	765	641	124										69	16	622	58
Totals	4,318	3,614	704										382	76	3,503	357
Ward 2 Precinct 1	307			44	237	26							44	3	233	27
Precinct 2	1,084			146	863	75							167	21	825	71
Precinct 3	774			195	528	51							214	24	492	44
Precinct 4	741			189	490	62							179	30	476	56
Precinct 5	695			238	395	62							249	15	366	65
Totals	3,601			812	2,513	276							853	93	2,392	263
Ward 3 Precinct 1	746			62	632	52							97	17	585	47
Precinct 2	773			86	636	51							97	9	613	54
Precinct 3	681			146	505	30							156	26	458	41
Precinct 4	847			186	629	32							203	7	598	39
Precinct 5	775			210	529	36							186	25	531	33
Totals	3,822			690	2,931	201							739	84	2,785	214
Ward 4 Precinct 1	453						314	122	18				142	8	282	21
Precinct 2	717						390	298	29				317	30	331	39
Precinct 3	894						456	402	36				468	14	365	47
Precinct 4	1,102						562	505	35				590	75	383	54
Precinct 5	1,106						546	522	38				616	28	412	50
Totals	4,272						2,268	1,849	156				2,133	155	1,773	211
Ward 5 Precinct 1	817						500	267	50				272	10	484	51
Precinct 2	984						467	487	30				515	17	413	39
Precinct 3	1,134						698	392	44				457	25	595	57
Precinct 4	953						584	329	40				396	11	491	55
Totals	3,888						2,249	1,475	164				1,640	63	1,983	202

REPORT OF ELECTION COMMISSIONERS

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CANDIDATES FOR	SENATOR THIRD SUFFOLK			SENATOR SECOND MIDDLESEX			REPRESENTATIVE FIRST MIDDLESEX				REPRESENTATIVE SECOND MIDDLESEX As Corrected by Recount (4 extra ballots)				REPRESENTATIVE THIRD MIDDLESEX									
	Whole Number of Ballots Cast	Curtis	McNamara	Blanks	Blanchard	Cleary	Blanks	Carolina	Doyle	Neville	Sullivan	Blanks	Diehl	Edgerly	Sullivan	Svenson	Blanks	Gibson	Hathaway	Hull	O'Neill	Sullivan	Tibbets	Blanks
Ward 1	852	173	614	65				124	69	626	474	411												
Prec. 1.	950	128	737	85				194	50	651	533	472												
Prec. 2.	837	131	641	65				125	39	563	532	415												
Prec. 3.	914	135	726	53				201	63	585	586	393												
Prec. 4.	765	100	619	46				69	51	453	571	386												
Totals.....	4,318	667	3,337	314				713	272	2,878	2,696	2,077												
Ward 2	307	48	245	14				33	35	209	198	139												
Prec. 1.	1,084	182	872	30				89	149	715	712	503												
Prec. 2.	774	217	532	25				76	201	459	431	381												
Prec. 3.	741	198	498	45				53	199	448	389	393												
Prec. 4.	695	273	383	39				61	257	339	326	407												
Prec. 5.																								
Totals.....	3,601	918	2,530	153				312	841	2,170	2,056	1,823												
Ward 3	746	97	608	41				64	64	479	548	337												
Prec. 1.	773	129	601	43				42	81	516	555	352												
Prec. 2.	681	203	445	33				49	143	475	381	314												
Prec. 3.	847	249	559	39				66	182	559	505	382												
Prec. 4.	775	236	500	39				51	167	528	428	376												
Prec. 5.																								
Totals.....	3,822	914	2,713	195				272	637	2,557	2,417	1,761												
Ward 4	453				160	271							256	103										
Prec. 1.	717				358	319							276	272	213	173	163							
Prec. 2.	894				484	349							280	408	268	492	340							
Prec. 3.	1,102				590	465							372	512	347	583	390							
Prec. 4.	1,106				591	464							324	484	396	605	403							
Prec. 5.																								
Totals.....	4,272				2,183	1,868	221						1,508	1,779	1,457	2,217	1,585							
Ward 5	817				277	489	51						435	221	377	299	302							
Prec. 1.	984				537	404	43						386	453	281	493	355							
Prec. 2.	1,134				457	626	51						607	310	431	455	465							
Prec. 3.	953				361	549	43						617	242	329	320	398							
Prec. 4.																								
Totals.....	3,888				1,632	2,068	188						2,045	1,226	1,418	1,567	1,520							

REPORT OF ELECTION COMMISSIONERS

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STATE ELECTION, NOVEMBER 8, 1938

CANDIDATES FOR	DISTRICT ATTORNEY	COUNTY COMMISSIONER				SHERIFF				CLERK OF COURT			BIENNIAL SESSIONS		TAXICAB STANDS						
Names of Candidates	Whole Number of Ballots Cast	Bradford	Carroll	Blanks	Brennan	McBride	Warren	Blanks	Anderson	Dee	Harris	McElroy	Blanks	Ford	Putnam	Blanks	Yes	No	Yes	No	
Ward 1 Prec. 1 ..	852	188	593	71	663	13	85	91	7	443	4	355	43	666	103	83	293	208	351	407	201
Prec. 2 ..	950	160	714	76	792	18	55	85	10	596	3	277	64	796	74	80	329	235	386	442	233
Prec. 3 ..	837	133	626	78	686	15	50	86	9	485	6	287	50	700	57	80	301	196	340	434	199
Prec. 4 ..	914	177	688	49	758	23	68	65	14	593	4	261	42	780	78	56	303	264	347	431	249
Prec. 5 ..	765	127	579	59	614	20	57	74	12	538	8	156	51	632	56	77	248	278	239	396	203
Totals.....	4,318	785	3,200	333	3,513	89	315	401	52	2,655	25	1,336	250	3,574	368	376	1,474	1,181	1,663	2,110	1,085
Ward 2 Prec. 1 ..	307	69	212	26	227	7	35	38	5	193	2	80	27	243	33	31	125	71	111	146	92
Prec. 2 ..	1,084	273	738	73	811	24	166	83	18	688	11	296	71	849	154	81	389	298	397	325	369
Prec. 3 ..	774	294	439	41	491	25	209	49	13	421	10	284	46	533	186	55	283	234	257	326	265
Prec. 4 ..	741	282	405	54	450	13	200	78	18	404	5	256	58	499	171	71	253	210	278	340	234
Prec. 5 ..	695	314	329	52	366	14	248	67	6	294	5	347	43	393	250	52	278	184	233	267	288
Totals.....	3,601	1,232	2,123	246	2,345	83	858	315	60	2,000	33	1,263	245	2,517	794	290	1,328	997	1,276	1,404	1,248
Ward 3 Prec. 1 ..	746	134	558	54	607	18	73	48	14	529	5	160	38	617	70	59	241	220	285	342	189
Prec. 2 ..	773	150	576	47	616	12	82	63	7	541	2	175	48	637	84	52	242	219	312	347	211
Prec. 3 ..	681	219	424	38	461	12	158	50	8	405	3	231	34	484	150	47	216	218	247	286	249
Prec. 4 ..	847	269	531	47	591	5	190	61	6	513	1	288	39	592	197	58	260	274	313	332	300
Prec. 5 ..	775	265	468	42	531	13	174	57	7	462	3	257	46	563	156	56	299	249	227	284	323
Totals.....	3,822	1,037	2,557	228	2,806	60	677	279	42	2,450	14	1,111	205	2,893	657	272	1,258	1,180	1,384	1,591	1,272
Ward 4 Prec. 1 ..	453	183	245	25	284	7	135	27	6	244	3	180	20	297	133	23	177	139	137	206	147
Prec. 2 ..	717	407	274	36	311	15	341	50	14	277	1	386	39	332	333	52	301	217	199	250	325
Prec. 3 ..	894	541	308	45	354	20	457	63	20	292	5	527	50	369	465	60	358	239	297	327	363
Prec. 4 ..	1,102	667	391	44	439	20	571	72	16	397	11	637	41	488	557	57	451	321	330	425	472
Prec. 5 ..	1,106	686	375	45	420	22	587	77	19	396	10	635	46	475	578	53	483	313	310	340	547
Totals.....	4,272	2,484	1,593	195	1,808	84	2,091	289	75	1,606	30	2,365	196	1,961	2,066	245	1,770	1,229	1,273	1,548	1,854
Ward 5 Prec. 1 ..	817	335	426	56	463	8	279	67	3	369	4	397	44	498	260	59	266	274	277	345	284
Prec. 2 ..	984	607	333	44	384	10	530	60	10	343	4	591	36	421	516	47	402	267	315	388	395
Prec. 3 ..	1,134	557	514	63	573	24	461	76	19	501	7	555	52	626	438	70	467	293	374	497	390
Prec. 4 ..	953	468	427	58	500	13	362	78	12	430	9	457	45	547	341	65	356	282	315	430	303
Totals.....	3,888	1,967	1,700	221	1,920	55	1,632	281	44	1,643	24	2,000	177	2,092	1,555	241	1,491	1,116	1,281	1,660	1,372

Ward 6	Prec. 1 ..	858	384	400	74	444	13	312	89	14	381	12	366	85	476	294	88	311	224	323	383	246	229
	Prec. 2 ..	662	281	342	39	395	13	224	52	10	327	7	276	42	415	202	45	268	180	214	312	201	149
	Prec. 3 ..	869	316	495	58	557	15	204	73	9	499	9	302	50	598	206	65	356	193	320	419	246	204
	Prec. 4 ..	797	273	481	43	548	8	180	61	9	512	6	234	36	546	179	72	273	249	275	326	281	190
Totals.....		3,186	1,254	1,718	214	1,944	49	918	275	42	1,719	34	1,178	213	2,035	881	270	1,208	846	1,132	1,440	974	772
Ward 7	Prec. 1 ..	1,020	685	299	36	347	72	550	51	26	311	8	637	38	385	578	57	470	286	264	299	533	188
	Prec. 2 ..	805	403	360	42	402	24	331	48	21	382	3	371	28	426	327	52	313	244	248	294	338	173
	Prec. 3 ..	902	662	214	26	250	25	577	50	25	220	7	615	35	277	581	44	411	311	180	289	493	120
	Prec. 4 ..	1,032	339	633	60	687	26	245	74	22	610	1	355	44	721	235	76	353	304	375	441	331	260
	Prec. 5 ..	589	441	137	11	161	19	385	24	24	143	6	396	20	162	405	22	287	193	109	181	338	70
Totals.....		4,348	2,530	1,643	175	1,847	166	2,088	247	118	1,666	25	2,374	165	1,971	2,126	251	1,834	1,338	1,176	1,504	2,033	811
Ward 8	Prec. 1 ..	1,114	879	190	45	239	32	782	61	27	208	8	820	51	258	780	76	589	333	192	260	713	141
	Prec. 2 ..	1,067	869	160	38	181	24	798	64	26	160	10	822	49	198	807	62	553	333	181	254	678	135
	Prec. 3 ..	843	607	199	37	217	15	540	71	22	201	8	567	45	227	549	67	379	273	191	259	449	135
	Prec. 4 ..	833	551	250	32	284	8	493	48	11	276	11	502	33	308	480	45	384	231	218	231	443	159
Totals.....		3,857	2,906	799	152	921	79	2,613	244	86	845	37	2,711	178	991	2,616	250	1,905	1,170	782	1,004	2,283	570
Ward 9	Prec. 1 ..	1,094	387	657	50	710	11	302	71	12	650	2	377	53	722	304	68	425	315	354	408	458	228
	Prec. 2 ..	990	341	610	39	656	7	276	51	6	582	4	354	44	691	250	49	330	315	345	347	418	225
	Prec. 3 ..	852	660	162	30	203	19	581	49	18	169	9	613	43	214	588	50	407	285	160	225	507	120
	Prec. 4 ..	748	321	400	27	444	11	238	55	9	400	0	309	30	456	243	49	286	253	209	247	357	144
	Prec. 5 ..	1,024	334	626	64	748	19	174	83	27	636	5	283	73	778	152	94	359	260	405	387	328	309
	Prec. 6 ..	763	347	396	20	422	10	293	38	11	382	1	346	23	432	294	37	349	208	206	233	384	146
Totals.....		5,471	2,390	2,851	230	3,183	77	1,864	347	83	2,819	21	2,282	266	3,293	1,831	347	2,156	1,636	1,679	1,847	2,452	1,172
Ward 10	Prec. 1 ..	828	355	430	43	475	5	302	46	8	426	3	358	33	493	289	46	315	251	262	336	320	172
	Prec. 2 ..	1,097	865	195	37	241	13	783	60	11	225	5	818	38	260	785	52	559	294	244	269	647	181
	Prec. 3 ..	830	426	366	38	405	11	358	56	12	372	3	412	31	420	361	49	333	259	238	303	359	168
	Prec. 4 ..	883	273	559	51	610	14	201	58	11	570	2	246	54	615	193	75	324	245	314	362	307	214
	Prec. 5 ..	1,115	431	623	61	676	22	336	81	22	637	6	394	56	717	321	77	446	294	375	467	382	266
Totals.....		4,753	2,350	2,173	230	2,407	65	1,980	301	64	2,230	19	2,228	212	2,505	1,949	299	1,977	1,343	1,433	1,737	2,015	1,001
Ward 11	Prec. 1 ..	768	250	466	52	528	10	170	60	8	466	7	233	54	524	172	72	274	205	289	311	257	200
	Prec. 2 ..	829	182	590	57	634	8	116	71	5	569	3	199	53	650	116	63	310	236	283	317	298	214
	Prec. 3 ..	1,051	249	716	86	766	42	123	120	18	597	7	333	96	812	138	101	363	269	419	422	307	322
	Prec. 4 ..	943	225	644	74	727	8	128	80	8	617	6	240	72	751	111	81	336	241	366	390	266	287
	Prec. 5 ..	1,173	263	827	83	867	10	189	107	9	780	2	323	59	917	167	89	373	338	462	478	365	330
Totals.....		4,764	1,169	3,243	352	3,522	78	726	438	48	3,029	25	1,328	334	3,654	704	406	1,656	1,289	1,819	1,918	1,493	1,353
Grand Totals.....		46,280	20,104	23,600	2,576	26,216	885	15,762	3,417	714	22,662	287	20,176	2,441	27,486	15,547	3,247	18,057	13,325	14,898	17,763	18,081	10,436

STATE ELECTION, NOVEMBER 8, 1933

CANDIDATES FOR	LIQUOR LAWS				HORSE RACING				DOG RACING				PLAN E As Corrected by Recount (12 extra ballots)				MARRIED WOMEN In Public Service			
	All		Wines and		Package Stores		Horse		Dog		Plan E		Married		Women		Public Service			
	Alcoholic Beverages	Malt Beverages	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes	No
Names of Candidates	Whole Number of Ballots Cast	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes
Ward 1	Prec. 1 .	852	502	169	181	479	155	218	200	496	163	193	429	186	237	192	510	150	430	208
	Prec. 2 .	950	539	194	217	527	174	249	248	559	164	227	491	178	281	198	581	171	482	237
	Prec. 3 .	837	458	206	173	446	190	201	185	507	142	188	449	155	233	184	517	135	448	182
	Prec. 4 .	914	550	200	164	542	185	187	180	544	180	190	488	197	229	223	568	122	482	200
	Prec. 5 .	765	469	156	140	460	141	164	163	484	129	152	419	144	202	197	477	91	403	204
Totals.....		4,318	2,518	925	875	2,454	845	1,019	976	2,590	778	950	2,276	860	1,182	994	2,653	669	2,245	1,063
Ward 2	Prec. 1 .	307	201	50	56	203	43	61	58	198	54	55	182	59	66	86	178	43	141	103
	Prec. 2 .	1,084	649	259	176	632	245	207	221	680	204	200	596	264	224	269	701	114	614	245
	Prec. 3 .	774	429	219	126	413	206	155	153	460	180	134	393	210	171	234	442	102	397	209
	Prec. 4 .	741	430	172	139	424	154	163	160	437	146	158	369	169	203	224	400	118	363	218
	Prec. 5 .	695	364	238	93	370	205	120	112	398	184	113	329	207	159	274	326	95	361	194
Totals.....		3,601	2,073	938	590	2,042	853	706	704	2,173	768	660	1,869	909	823	1,087	2,047	472	1,876	969
Ward 3	Prec. 1 .	746	481	147	118	462	148	136	134	473	119	154	393	149	204	176	480	91	377	192
	Prec. 2 .	773	433	197	143	423	178	172	152	467	141	165	386	174	213	158	509	106	414	180
	Prec. 3 .	681	367	223	91	369	190	122	104	416	152	113	354	184	143	202	416	63	400	173
	Prec. 4 .	847	408	290	149	425	255	167	157	461	214	172	372	261	214	240	537	71	501	176
	Prec. 5 .	775	390	278	107	405	249	121	106	428	247	100	331	294	150	244	484	47	478	173
Totals.....		3,822	2,079	1,135	608	2,084	1,020	718	653	2,245	873	704	1,836	1,062	924	1,020	2,426	378	2,170	894
Ward 4	Prec. 1 .	453	258	126	69	250	120	83	89	293	89	71	249	108	96	153	250	51	272	99
	Prec. 2 .	717	332	287	98	358	250	109	103	378	245	94	291	288	138	355	315	47	373	238
	Prec. 3 .	894	390	378	126	395	351	148	145	470	284	140	398	320	176	476	313	105	467	253
	Prec. 4 .	1,102	532	436	134	555	386	161	168	562	381	159	417	464	221	612	379	111	562	352
	Prec. 5 .	1,106	541	421	144	559	364	183	157	563	382	161	430	457	219	651	360	95	563	390
Totals.....		4,272	2,053	1,648	571	2,117	1,471	684	662	2,266	1,381	625	1,785	1,637	850	2,247	1,617	409	2,237	1,332
Ward 5	Prec. 1 .	817	416	279	122	415	264	138	125	496	193	128	426	224	167	279	468	70	461	225
	Prec. 2 .	984	406	446	132	406	423	155	137	505	324	155	425	354	205	518	375	91	540	277
	Prec. 3 .	1,134	571	418	145	563	376	195	190	597	355	182	530	384	220	512	498	124	621	313
	Prec. 4 .	953	456	348	149	470	316	167	167	532	272	149	475	277	201	405	463	85	540	242
Totals.....		3,888	1,849	1,491	548	1,854	1,379	655	619	2,130	1,144	614	1,856	1,239	793	1,714	1,804	370	2,162	1,057

Ward 6	Prec. 1 .	858	453	261	144	437	243	178	469	212	177	485	191	182	395	226	237	311	406	142	414	247	197
	Prec. 2 .	662	367	195	100	365	190	107	390	166	106	402	150	110	339	179	144	242	338	82	362	173	127
	Prec. 3 .	869	545	179	145	539	155	175	552	152	165	539	162	168	465	188	216	277	487	105	445	235	189
	Prec. 4 .	797	510	172	115	518	142	137	549	120	128	495	149	153	401	197	199	296	427	76	443	201	153
Totals.....		3,186	1,875	807	504	1,859	730	597	1,960	650	576	1,921	652	613	1,600	790	796	1,126	1,658	405	1,664	856	666
Ward 7	Prec. 1 .	1,020	503	405	112	536	353	131	618	286	116	491	426	103	371	521	128	708	255	57	484	407	129
	Prec. 2 .	805	399	297	109	422	259	124	481	215	109	426	260	119	347	308	150	401	322	83	431	249	125
	Prec. 3 .	902	435	373	94	502	282	118	584	214	104	393	409	100	293	466	143	681	174	47	362	437	103
	Prec. 4 .	1,032	581	283	168	588	250	194	627	223	182	609	237	186	476	292	264	371	575	86	596	250	186
	Prec. 5 .	589	299	229	61	335	170	84	385	131	73	284	248	57	194	313	82	459	107	23	229	306	54
Totals.....		4,348	2,217	1,587	544	2,383	1,314	651	2,695	1,069	584	2,203	1,580	565	1,681	1,900	767	2,620	1,433	296	2,102	1,649	597
Ward 8	Prec. 1 .	1,114	427	544	143	492	455	167	596	367	151	418	551	145	303	625	186	914	134	66	410	574	130
	Prec. 2 .	1,067	476	466	125	541	382	144	619	311	137	450	501	116	330	609	128	885	126	57	379	560	128
	Prec. 3 .	843	436	281	126	497	197	149	530	164	149	372	349	122	240	428	175	618	171	55	270	449	124
	Prec. 4 .	833	416	283	134	479	201	153	509	174	150	390	298	145	297	351	185	559	206	68	349	361	123
Totals.....		3,857	1,755	1,574	528	2,009	1,235	613	2,254	1,016	587	1,630	1,699	528	1,170	2,013	674	2,976	637	246	1,408	1,944	505
Ward 9	Prec. 1 .	1,094	662	283	149	676	241	177	727	194	173	630	298	166	556	333	205	406	603	85	611	310	173
	Prec. 2 .	990	559	280	151	560	250	180	640	181	169	565	257	168	466	313	211	338	568	84	566	265	159
	Prec. 3 .	852	431	326	95	498	241	113	563	186	103	338	402	112	232	450	170	680	128	44	253	493	106
	Prec. 4 .	748	414	235	99	433	198	117	474	160	114	417	241	90	325	296	127	302	404	42	409	227	112
	Prec. 5 .	1,024	620	199	205	618	185	221	652	150	222	554	231	239	471	267	286	306	576	142	533	249	242
	Prec. 6 .	763	414	263	86	436	227	100	496	180	87	418	266	79	336	319	108	366	354	43	394	271	98
Totals.....		5,471	3,100	1,586	785	3,221	1,342	908	3,552	1,051	868	2,922	1,695	854	2,386	1,978	1,107	2,398	2,633	440	2,766	1,815	890
Ward 10	Prec. 1 .	828	438	286	104	438	265	125	496	209	123	480	214	134	417	255	156	356	400	72	503	203	122
	Prec. 2 .	1,097	429	533	135	468	476	153	570	388	139	418	532	147	301	613	183	821	202	74	511	407	179
	Prec. 3 .	830	440	276	114	449	247	134	499	204	127	428	276	126	346	315	169	430	336	64	409	274	147
	Prec. 4 .	883	506	224	153	503	205	175	533	181	169	480	198	205	404	227	252	338	428	117	444	232	207
	Prec. 5 .	1,115	673	269	173	675	241	199	724	212	179	695	246	174	583	280	252	457	558	100	628	295	192
Totals.....		4,753	2,486	1,588	679	2,533	1,434	786	2,822	1,194	737	2,501	1,466	786	2,051	1,690	1,012	2,402	1,924	427	2,495	1,411	847
Ward 11	Prec. 1 .	768	379	253	136	369	240	159	433	192	143	430	194	144	339	243	186	246	453	69	478	133	157
	Prec. 2 .	829	467	231	131	461	215	153	516	179	134	502	182	145	421	220	188	245	500	84	496	185	148
	Prec. 3 .	1,051	656	214	181	645	197	209	694	167	190	626	209	216	562	222	267	305	632	114	584	248	219
	Prec. 4 .	943	640	177	126	653	156	134	696	116	131	570	180	193	503	211	229	251	582	110	535	198	210
	Prec. 5 .	1,173	654	341	178	646	312	215	733	248	192	719	233	221	598	286	289	324	723	126	664	258	251
Totals.....		4,764	2,796	1,216	752	2,774	1,120	870	3,072	902	790	2,847	998	919	2,423	1,182	1,159	1,371	2,890	503	2,757	1,022	985
Grand Totals....		46,280	24,801	14,495	6,984	25,330	12,743	8,207	27,989	10,535	7,756	25,428	13,034	7,818	20,933	15,260	10,087	19,955	21,722	4,615	23,882	14,012	8,386

REGISTERED VOTERS November 8, 1938				ENROLLMENT November 8, 1938	
<i>Precinct</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Dem.</i>	<i>Rep.</i>
WARD 1					
1	578	406	984	791	53
2	670	430	1,100	875	24
3	553	423	976	801	22
4	620	414	1,034	794	33
5	523	369	892	712	22
Totals	2,944	2,042	4,986	3,973	154
WARD 2					
1	211	134	345	243	22
2	680	561	1,241	874	104
3	502	382	884	523	122
4	489	392	881	469	125
5	443	371	814	343	193
Totals	2,325	1,840	4,165	2,452	566
WARD 3					
1	484	382	866	620	35
2	487	413	900	653	52
3	363	410	773	461	115
4	476	488	964	641	127
5	380	481	861	562	116
Totals	2,190	2,174	4,364	2,937	445
WARD 4					
1	327	224	551	284	93
2	378	449	827	336	208
3	549	481	1,030	336	314
4	575	677	1,252	400	381
5	486	751	1,237	403	378
Totals	2,315	2,582	4,897	1,759	1,374
WARD 5					
1	521	453	974	574	224
2	513	603	1,116	366	452
3	703	608	1,311	515	363
4	587	503	1,090	521	349
Totals	2,324	2,167	4,491	1,976	1,388
WARD 6					
1	522	482	1,004	427	245
2	441	349	790	373	156
3	447	487	934	574	180
4	460	424	884	568	81
Totals	1,870	1,742	3,612	1,942	662

REGISTERED VOTERS
November 8, 1938ENROLLMENT
November 8, 1938

<i>Precinct</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Dem.</i>	<i>Rep.</i>
WARD 7					
1	467	677	1,144	349	357
2	445	456	901	416	187
3	413	580	993	247	338
4	583	604	1,187	710	143
5	276	401	677	130	246
Totals	2,184	2,718	4,902	1,852	1,271

WARD 8					
1	438	803	1,241	250	537
2	420	744	1,164	162	446
3	402	565	967	267	364
4	416	513	929	283	306
Totals	1,676	2,625	4,301	962	1,653

WARD 9					
1	551	656	1,207	746	181
2	506	592	1,098	738	135
3	392	555	947	233	374
4	351	446	797	496	160
5	593	549	1,142	834	90
6	374	461	835	467	213
Totals	2,767	3,259	6,026	3,514	1,153

WARD 10					
1	434	489	923	499	181
2	473	755	1,228	238	545
3	449	472	921	414	263
4	500	485	985	631	126
5	664	580	1,244	712	201
Totals	2,520	2,781	5,301	2,494	1,316

WARD 11					
1	405	461	866	599	88
2	443	478	921	659	95
3	590	574	1,164	752	110
4	572	483	1,055	761	84
5	707	622	1,329	945	105
Totals	2,717	2,618	5,335	3,716	482

Grand Totals	25,832	26,548	52,380	27,577	10,464
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Democrat

Republican

<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
14,790	12,787	27,577	4,631	5,833	10,464

REPORT OF ELECTION COMMISSIONERS

[illegible]

STATE ELECTION, NOVEMBER 8, 1938

CANDIDATES FOR	DISTRICT ATTORNEY			COUNTY COMMISSIONER				SHERIFF				CLERK OF COURT			BIENNIAL SESSIONS			TAXICAB STANDS		
	Bradford	Carroll	Blanks	Brennan	McBride	Warren	Blanks	Anderson	Dee	Harris	McElroy	Blanks	Ford	Putnam	Blanks	Yes	No	Yes	No	Blanks
Names of Candidates	Whole Number of Ballots Cast																			
Ward 1 Prec. 1 ..	852	188	593	71	663	13	85	91	7	443	4	355	43	666	103	83	293	407	201	244
Prec. 2 ..	950	160	714	76	792	18	55	85	10	596	3	277	64	796	74	80	329	442	233	275
Prec. 3 ..	837	133	626	78	686	15	50	86	9	485	6	287	50	700	57	80	301	434	199	204
Prec. 4 ..	914	177	688	49	758	23	68	65	14	593	4	261	42	780	78	56	303	431	249	234
Prec. 5 ..	765	127	579	59	614	20	57	74	12	538	8	156	51	632	56	77	248	396	203	166
Totals	4,318	785	3,200	333	3,513	89	315	401	52	2,655	25	1,336	250	3,574	368	376	1,474	2,110	1,085	1,123
Ward 2 Prec. 1 ..	307	69	212	26	227	7	35	38	5	193	2	80	27	243	33	31	125	146	92	69
Prec. 2 ..	1,084	273	738	73	811	24	166	83	18	688	11	296	71	849	154	81	389	325	369	390
Prec. 3 ..	774	294	439	41	491	25	209	49	13	421	10	284	46	533	186	55	283	326	265	183
Prec. 4 ..	741	282	405	54	450	13	200	78	18	404	5	256	58	499	171	71	253	340	234	167
Prec. 5 ..	695	314	329	52	366	14	248	67	6	294	5	347	43	393	250	52	278	267	288	140
Totals	3,601	1,232	2,123	246	2,345	83	858	315	60	2,000	33	1,263	245	2,517	794	290	1,328	1,404	1,248	949
Ward 3 Prec. 1 ..	746	134	558	54	607	18	73	48	14	529	5	160	38	617	70	59	241	342	189	215
Prec. 2 ..	773	150	576	47	616	12	82	63	7	541	2	175	48	637	84	52	242	347	211	215
Prec. 3 ..	681	219	424	38	461	12	158	50	8	405	3	231	34	484	150	47	216	286	249	146
Prec. 4 ..	847	269	531	47	591	5	190	61	6	513	1	288	39	592	197	58	260	332	300	215
Prec. 5 ..	775	265	468	42	531	13	174	57	7	462	3	257	46	563	156	56	299	284	323	168
Totals	3,822	1,037	2,557	228	2,806	60	677	279	42	2,450	14	1,111	205	2,893	657	272	1,258	1,591	1,272	959
Ward 4 Prec. 1 ..	453	183	245	25	284	7	135	27	6	244	3	180	20	297	133	23	177	206	147	100
Prec. 2 ..	717	407	274	36	311	15	341	50	14	277	1	386	39	332	333	52	301	250	325	142
Prec. 3 ..	894	541	308	45	354	20	457	63	20	292	5	527	50	369	465	60	358	327	363	204
Prec. 4 ..	1,102	667	391	44	439	20	571	72	16	397	11	637	41	488	557	57	451	425	472	205
Prec. 5 ..	1,106	686	375	45	420	22	587	77	19	396	10	635	46	475	578	53	483	340	547	219
Totals	4,272	2,484	1,593	195	1,808	84	2,091	289	75	1,606	30	2,365	196	1,961	2,066	245	1,770	1,548	1,854	870
Ward 5 Prec. 1 ..	817	335	426	56	463	8	279	67	3	369	4	397	44	498	260	59	266	345	284	188
Prec. 2 ..	984	607	333	44	384	10	530	60	10	343	4	591	36	421	516	47	402	388	395	201
Prec. 3 ..	1,134	557	514	63	573	24	461	76	19	501	7	555	52	626	438	70	467	497	390	247
Prec. 4 ..	953	468	427	58	500	13	362	78	12	430	9	457	45	547	341	65	356	430	303	220
Totals	3,888	1,967	1,700	221	1,920	55	1,632	281	44	1,643	24	2,000	177	2,092	1,555	241	1,491	1,660	1,372	856

Ward 6	Prec. 1 ..	858	384	400	74	444	13	312	89	14	381	12	366	85	476	294	88	311	224	323	383	246	229
	Prec. 2 ..	662	281	342	39	395	13	202	52	10	327	7	276	42	415	202	45	268	180	214	312	201	149
	Prec. 3 ..	869	316	495	58	557	15	224	73	9	499	9	302	50	598	206	65	356	193	320	419	246	204
	Prec. 4 ..	797	273	481	43	548	8	180	61	9	512	6	234	36	546	179	72	273	249	275	326	281	190
Totals.....		3,186	1,254	1,718	214	1,944	49	918	275	42	1,719	34	1,178	213	2,035	881	270	1,208	846	1,132	1,440	974	772
Ward 7	Prec. 1 ..	1,020	685	299	36	347	72	550	51	26	311	8	637	38	385	578	57	470	286	264	299	533	188
	Prec. 2 ..	805	403	360	42	402	24	331	48	21	382	3	371	28	426	327	52	313	244	248	294	338	173
	Prec. 3 ..	902	662	214	26	250	25	577	50	25	220	7	615	35	277	581	44	411	311	180	289	493	120
	Prec. 4 ..	1,032	339	633	60	687	26	245	74	22	610	1	355	44	721	235	76	353	304	375	441	331	260
	Prec. 5 ..	589	441	137	11	161	19	385	24	24	143	6	396	20	162	405	22	287	193	109	181	338	70
Totals.....		4,348	2,530	1,643	175	1,847	166	2,088	247	118	1,666	25	2,374	165	1,971	2,126	251	1,834	1,338	1,176	1,504	2,033	811
Ward 8	Prec. 1 ..	1,114	879	190	45	239	32	782	61	27	208	8	820	51	258	780	76	589	333	192	260	713	141
	Prec. 2 ..	1,067	869	160	38	181	24	798	64	26	160	10	822	49	198	807	62	553	333	181	254	678	135
	Prec. 3 ..	843	607	199	37	217	15	540	71	22	201	8	567	45	227	549	67	379	273	191	259	449	135
	Prec. 4 ..	833	551	250	32	284	8	493	48	11	276	11	502	33	308	480	45	384	231	218	231	443	159
Totals.....		3,857	2,906	799	152	921	79	2,613	244	86	845	37	2,711	178	991	2,616	250	1,905	1,170	782	1,004	2,283	570
Ward 9	Prec. 1 ..	1,094	387	657	50	710	11	302	71	12	650	2	377	53	722	304	68	425	315	354	408	458	228
	Prec. 2 ..	990	341	610	39	656	7	276	51	6	582	4	354	44	691	250	49	330	315	345	347	418	225
	Prec. 3 ..	852	660	162	30	203	19	581	49	18	169	9	613	43	214	588	50	407	285	160	225	507	120
	Prec. 4 ..	748	321	400	27	444	11	238	55	9	400	0	309	30	456	243	49	286	253	209	247	357	144
	Prec. 5 ..	1,024	334	626	64	748	19	174	83	27	636	5	283	73	778	152	94	359	260	405	387	328	309
	Prec. 6 ..	763	347	396	20	422	10	293	38	11	382	1	346	23	432	294	37	349	208	206	233	384	146
Totals.....		5,471	2,390	2,851	230	3,183	77	1,864	347	83	2,819	21	2,282	266	3,293	1,831	347	2,156	1,636	1,679	1,847	2,452	1,172
Ward 10	Prec. 1 ..	828	355	430	43	475	5	302	46	8	426	3	358	33	493	289	46	315	251	262	336	320	172
	Prec. 2 ..	1,097	865	195	37	241	13	783	60	11	225	5	818	38	260	785	52	559	294	244	269	647	181
	Prec. 3 ..	830	426	366	38	405	11	358	56	12	372	3	412	31	420	361	49	333	259	238	303	359	168
	Prec. 4 ..	883	273	559	51	610	14	201	58	11	570	2	246	54	615	193	75	324	245	314	362	307	214
	Prec. 5 ..	1,115	431	623	61	676	22	336	81	22	637	6	394	56	717	321	77	446	294	375	467	382	266
Totals.....		4,753	2,350	2,173	230	2,407	65	1,980	301	64	2,230	19	2,228	212	2,505	1,949	299	1,977	1,343	1,433	1,737	2,015	1,001
Ward 11	Prec. 1 ..	768	250	466	52	528	10	170	60	8	466	7	233	54	524	172	72	274	205	289	311	257	200
	Prec. 2 ..	829	182	590	57	634	8	116	71	5	569	3	199	53	650	116	63	310	236	283	317	298	214
	Prec. 3 ..	1,051	249	716	86	766	42	123	120	18	597	7	333	96	812	138	101	363	269	419	422	307	322
	Prec. 4 ..	943	225	644	74	727	8	128	80	8	617	6	240	72	751	111	81	336	241	366	390	266	287
	Prec. 5 ..	1,173	263	827	83	867	10	189	107	9	780	2	323	59	917	167	89	373	338	462	478	365	330
Totals.....		4,764	1,169	3,243	352	3,522	78	726	438	48	3,029	25	1,328	334	3,654	704	406	1,656	1,289	1,819	1,918	1,493	1,353
Grand Totals.....		46,280	20,104	23,600	2,576	26,216	885	15,762	3,417	714	22,662	287	20,176	2,441	27,486	15,547	3,247	18,057	13,325	14,898	17,763	18,081	10,436

STATE ELECTION, NOVEMBER 8, 1933

CANDIDATES FOR	LIQUOR LAWS						HORSE RACING			DOG RACING			PLAN E As Corrected by Recount (12 extra ballots)			MARRIED WOMEN In Public Service		
	All Alcoholic Beverages			Wines and Malt Beverages			Package Stores											
	Whole Number of Ballots Cast	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Blanks	Yes	No	Yes	No	Blanks	Yes	No	Blanks
Names of Candidates																		
Ward 1 Prec. 1 .	852	502	169	181	479	155	218	509	143	200	496	163	193	192	237	186	208	214
Prec. 2 .	950	539	194	217	527	174	249	546	156	248	559	164	227	198	281	178	237	231
Prec. 3 .	837	458	206	173	446	190	201	485	167	185	507	142	188	184	233	155	182	207
Prec. 4 .	914	550	200	164	542	185	187	574	160	180	544	180	190	223	229	197	232	200
Prec. 5 .	765	469	156	140	460	141	164	474	128	163	484	129	152	197	202	144	204	158
Totals.....	4,318	2,518	925	875	2,454	845	1,019	2,588	754	976	2,590	778	950	994	1,182	860	1,063	1,010
Ward 2 Prec. 1 .	307	201	50	56	203	43	61	205	44	58	198	54	55	86	66	59	103	63
Prec. 2 .	1,084	649	259	176	632	245	207	656	207	221	680	204	200	269	224	264	245	225
Prec. 3 .	774	429	219	126	413	206	155	443	178	153	460	180	134	234	171	210	209	168
Prec. 4 .	741	430	172	139	424	154	163	433	148	160	437	146	158	224	203	169	218	160
Prec. 5 .	695	364	238	93	370	205	120	430	153	112	398	184	113	274	159	207	194	140
Totals.....	3,601	2,073	938	590	2,042	853	706	2,167	730	704	2,173	768	660	1,087	823	909	969	756
Ward 3 Prec. 1 .	746	481	147	118	462	148	136	491	121	134	473	119	154	176	204	149	192	177
Prec. 2 .	773	433	197	143	423	178	172	473	148	152	467	141	165	158	213	174	180	179
Prec. 3 .	681	367	223	91	369	190	122	424	153	104	416	152	113	202	143	184	173	108
Prec. 4 .	847	408	290	149	425	255	167	508	182	157	461	214	172	240	214	261	176	170
Prec. 5 .	775	390	278	107	405	249	121	475	194	106	428	247	100	244	150	294	173	124
Totals.....	3,822	2,079	1,135	608	2,084	1,020	718	2,371	798	653	2,245	873	704	1,020	924	1,062	894	758
Ward 4 Prec. 1 .	453	258	126	69	250	120	83	267	97	89	293	89	71	153	96	108	99	82
Prec. 2 .	717	332	287	98	358	250	109	390	224	103	378	245	94	355	138	288	272	106
Prec. 3 .	894	390	378	126	395	351	148	464	285	145	470	284	140	476	176	320	373	174
Prec. 4 .	1,102	532	436	134	555	386	161	627	307	168	562	381	159	612	221	464	467	188
Prec. 5 .	1,106	541	421	144	559	364	183	662	287	157	563	382	161	651	219	457	563	153
Totals.....	4,272	2,053	1,648	571	2,117	1,471	684	2,410	1,200	662	2,266	1,381	625	2,247	850	1,637	1,332	703
Ward 5 Prec. 1 .	817	416	279	122	415	264	138	467	225	125	496	193	128	279	167	224	461	131
Prec. 2 .	984	406	446	132	406	423	155	498	349	137	505	324	155	518	205	354	540	167
Prec. 3 .	1,134	571	418	145	563	376	195	606	338	190	597	355	182	512	220	384	621	200
Prec. 4 .	953	456	348	149	470	316	167	527	259	167	532	272	149	405	201	277	540	171
Totals.....	3,888	1,849	1,491	548	1,854	1,379	655	2,098	1,171	619	2,130	1,144	614	1,714	793	1,239	2,162	669

Ward 6	Prec. 1 .	858	453	261	144	437	243	178	469	212	177	485	191	182	395	226	237	311	406	142	414	247	197
	Prec. 2 .	662	367	195	100	365	190	107	390	166	106	402	150	110	339	179	144	242	338	82	362	173	127
	Prec. 3 .	869	545	179	145	539	155	175	552	152	165	539	162	168	465	188	216	277	487	105	445	235	189
	Prec. 4 .	797	510	-172	115	518	142	137	549	120	128	495	149	153	401	197	199	296	427	76	443	201	153
Totals		3,186	1,875	807	504	1,859	730	597	1,960	650	576	1,921	652	613	1,600	790	796	1,126	1,658	405	1,664	856	666
Ward 7	Prec. 1 .	1,020	503	405	112	536	353	131	618	286	116	491	426	103	371	521	128	708	255	57	484	407	129
	Prec. 2 .	805	399	297	109	422	259	124	481	215	109	426	260	119	347	308	150	401	322	83	431	249	125
	Prec. 3 .	902	435	373	94	502	282	118	584	214	104	393	409	100	293	466	143	681	174	47	362	437	103
	Prec. 4 .	1,032	581	283	168	588	250	194	627	223	182	609	237	186	476	292	264	371	575	86	596	250	186
	Prec. 5 .	589	299	229	61	335	170	84	385	131	73	284	248	57	194	313	82	459	107	23	229	306	54
Totals		4,348	2,217	1,587	544	2,383	1,314	651	2,695	1,069	584	2,203	1,580	565	1,681	1,900	767	2,620	1,433	296	2,102	1,649	597
Ward 8	Prec. 1 .	1,114	427	544	143	492	455	167	596	367	151	418	551	145	303	625	186	914	134	66	410	574	130
	Prec. 2 .	1,067	476	466	125	541	382	144	619	311	137	450	501	116	330	609	128	885	126	57	379	560	128
	Prec. 3 .	843	436	281	126	497	197	149	530	164	149	372	349	122	240	428	175	618	171	55	270	449	124
	Prec. 4 .	833	416	283	134	479	201	153	509	174	150	390	298	145	297	351	185	559	206	68	349	361	123
Totals		3,857	1,755	1,574	528	2,009	1,235	613	2,254	1,016	587	1,630	1,699	528	1,170	2,013	674	2,976	637	246	1,408	1,944	505
Ward 9	Prec. 1 .	1,094	662	283	149	676	241	177	727	194	173	630	298	166	556	333	205	406	603	85	611	310	173
	Prec. 2 .	990	559	280	151	560	250	180	640	181	169	565	257	168	466	313	211	338	568	84	566	265	159
	Prec. 3 .	852	431	326	95	498	241	113	563	186	103	338	402	112	232	450	170	680	128	44	253	493	106
	Prec. 4 .	748	414	235	99	433	198	117	474	160	114	417	241	90	325	296	127	302	404	42	409	227	112
	Prec. 5 .	1,024	620	199	205	618	185	221	652	150	222	554	231	239	471	267	286	306	576	142	533	249	242
	Prec. 6 .	763	414	263	86	436	227	100	496	180	87	418	266	79	336	319	108	366	354	43	394	271	98
Totals		5,471	3,100	1,586	785	3,221	1,342	908	3,552	1,051	868	2,922	1,695	854	2,386	1,978	1,107	2,398	2,633	440	2,766	1,815	890
Ward 10	Prec. 1 .	828	438	286	104	438	265	125	496	209	123	480	214	134	417	255	156	356	400	72	503	203	122
	Prec. 2 .	1,097	429	533	135	468	476	153	570	388	139	418	532	147	301	613	183	821	202	74	511	407	179
	Prec. 3 .	830	440	276	114	449	247	134	499	204	127	428	276	126	346	315	169	430	336	64	409	274	147
	Prec. 4 .	883	506	224	153	503	205	175	533	181	169	480	198	205	404	227	252	338	428	117	444	232	207
	Prec. 5 .	1,115	673	269	173	675	241	199	724	212	179	695	246	174	583	280	252	457	558	100	628	295	192
Totals		4,753	2,486	1,588	679	2,533	1,434	786	2,822	1,194	737	2,501	1,466	786	2,051	1,690	1,012	2,402	1,924	427	2,495	1,411	847
Ward 11	Prec. 1 .	768	379	253	136	369	240	159	433	192	143	430	194	144	339	243	186	246	453	69	478	133	157
	Prec. 2 .	829	467	231	131	461	215	153	516	179	134	502	182	145	421	220	188	245	500	84	496	185	148
	Prec. 3 .	1,051	656	214	181	645	197	209	694	167	190	626	209	216	562	222	267	305	632	114	584	248	219
	Prec. 4 .	943	640	177	126	653	156	134	696	116	131	570	180	193	503	211	229	251	582	110	535	198	210
	Prec. 5 .	1,173	654	341	178	646	312	215	733	248	192	719	233	221	598	286	289	324	723	126	664	258	251
Totals		4,764	2,796	1,216	752	2,774	1,120	870	3,072	902	790	2,847	998	919	2,423	1,182	1,159	1,371	2,890	503	2,757	1,022	985
Grand Totals		46,280	24,801	14,495	6,984	25,330	12,743	8,207	27,989	10,535	7,756	25,428	13,034	7,818	20,933	15,260	10,087	19,955	21,722	4,615	23,882	14,012	8,386

REGISTERED VOTERS
November 8, 1938

ENROLLMENT
November 8, 1938

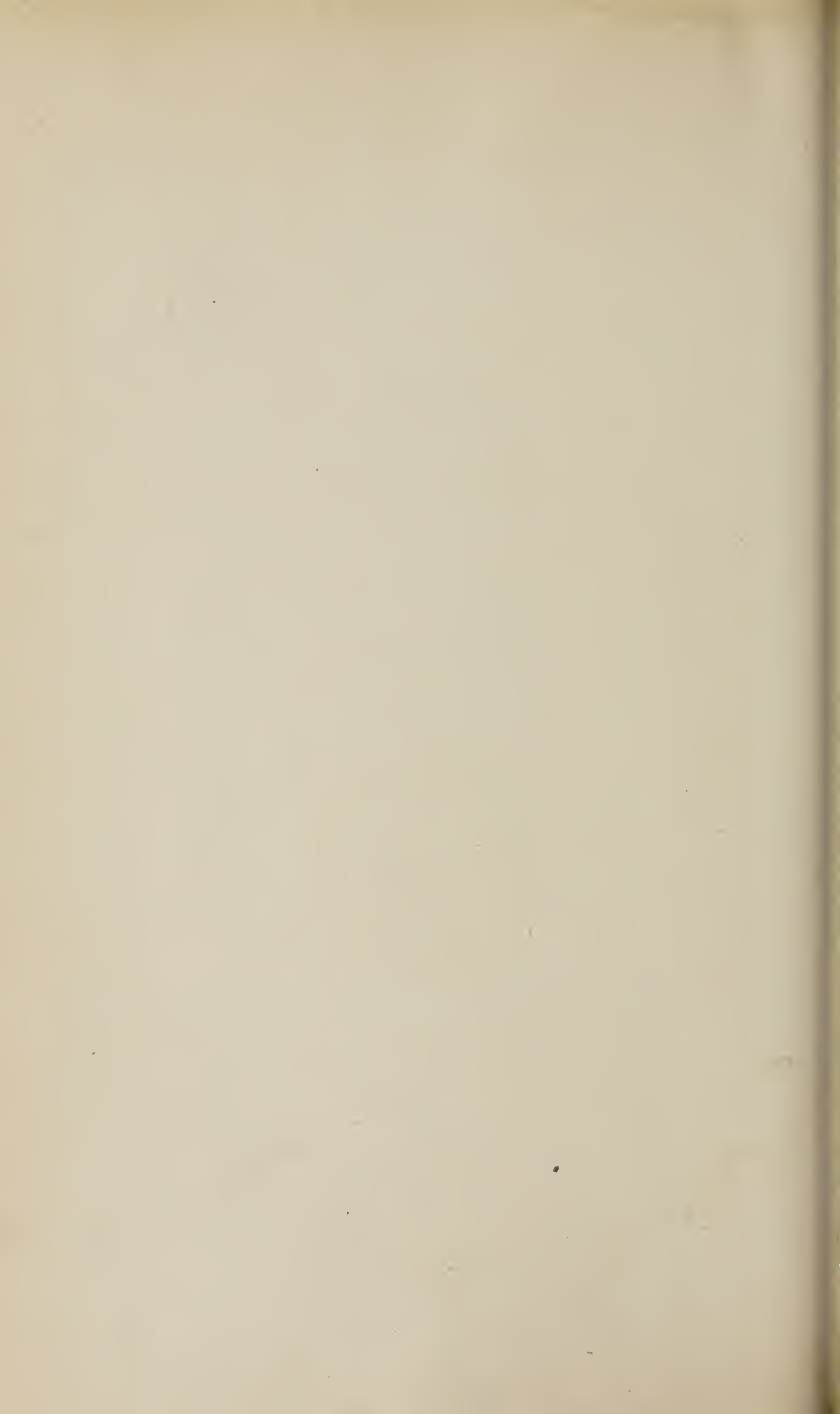
<i>Precinct</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Dem.</i>	<i>Rep.</i>
WARD 1					
1	578	406	984	791	53
2	670	430	1,100	875	24
3	553	423	976	801	22
4	620	414	1,034	794	33
5	523	369	892	712	22
Totals	2,944	2,042	4,986	3,973	154
WARD 2					
1	211	134	345	243	22
2	680	561	1,241	874	104
3	502	382	884	523	122
4	489	392	881	469	125
5	443	371	814	343	193
Totals	2,325	1,840	4,165	2,452	566
WARD 3					
1	484	382	866	620	35
2	487	413	900	653	52
3	363	410	773	461	115
4	476	488	964	641	127
5	380	481	861	562	116
Totals	2,190	2,174	4,364	2,937	445
WARD 4					
1	327	224	551	284	93
2	378	449	827	336	208
3	549	481	1,030	336	314
4	575	677	1,252	400	381
5	486	751	1,237	403	378
Totals	2,315	2,582	4,897	1,759	1,374
WARD 5					
1	521	453	974	574	224
2	513	603	1,116	366	452
3	703	608	1,311	515	363
4	587	503	1,090	521	349
Totals	2,324	2,167	4,491	1,976	1,388
WARD 6					
1	522	482	1,004	427	245
2	441	349	790	373	156
3	447	487	934	574	180
4	460	424	884	568	81
Totals	1,870	1,742	3,612	1,942	662

REGISTERED VOTERS
November 8, 1938
ENROLLMENT
November 8, 1938

<i>Precinct</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Dem.</i>	<i>Rep.</i>
WARD 7					
1	467	677	1,144	349	357
2	445	456	901	416	187
3	413	580	993	247	338
4	583	604	1,187	710	143
5	276	401	677	130	246
Totals	2,184	2,718	4,902	1,852	1,271
WARD 8					
1	438	803	1,241	250	537
2	420	744	1,164	162	446
3	402	565	967	267	364
4	416	513	929	283	306
Totals	1,676	2,625	4,301	962	1,653
WARD 9					
1	551	656	1,207	746	181
2	506	592	1,098	738	135
3	392	555	947	233	374
4	351	446	797	496	160
5	593	549	1,142	834	90
6	374	461	835	467	213
Totals	2,767	3,259	6,026	3,514	1,153
WARD 10					
1	434	489	923	499	181
2	473	755	1,228	238	545
3	449	472	921	414	263
4	500	485	985	631	126
5	664	580	1,244	712	201
Totals	2,520	2,781	5,301	2,494	1,316
WARD 11					
1	405	461	866	599	88
2	443	478	921	659	95
3	590	574	1,164	752	110
4	572	483	1,055	761	84
5	707	622	1,329	945	105
Totals	2,717	2,618	5,335	3,716	482
Grand Totals	25,832	26,548	52,380	27,577	10,464

Democrat**Republican**

<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
14,790	12,787	27,577	4,631	5,833	10,464



CITY OF CAMBRIDGE
MASSACHUSETTS

REPORT
OF THE
WATER BOARD

For the Year Ending December 31, 1938



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

CAMBRIDGE WATER BOARD

December 31, 1938

Members of the Board

THOMAS H. O'HARA.....	Term expires 1938
DR. GEORGE F. McINNES.....	Term expires 1939
TIMOTHY F. McCARTHY.....	Term expires 1940
HENRY L. SKELLEY.....	Term expires 1941
JOHN J. FOLEY.....	Term expires 1942

General Superintendent of Water Works and Clerk of the Board

TIMOTHY W. GOOD

CAMBRIDGE WATER BOARD

Date of election and length of service of members, 1865-1938

CHESTER W. KINGSLEY.....	1865—1894
JOHN SARGENT.....	1865—1871
A. K. P. WELCH.....	1865—1871
ROBERT DOUGLASS.....	1865—1871
SAMUEL SLOCOMB.....	1865—1876
Z. L. RAYMOND.....	1871
HENRY L. EUSTIS.....	1871—1885
J. WARREN MERRILL.....	1871—1881
GEORGE P. CARTER.....	1871—1883
JOHN H. LEIGHTON.....	1876—1879
KNOWLTON S. CHAFFEE.....	1879—1889
JAMES M. W. HALL.....	1881—1899
LEANDER M. HANNUM.....	{ 1883—1884 1885—1893
JOHN F. O'BRIEN.....	1884—1895
GEORGE F. HOWARD.....	1889—1910
E. BURT PHILLIPS.....	1893—1896
FRANK A. ALLEN.....	1895—1899
STILLMAN F. KELLY.....	1894—1903
WELLINGTON FILLMORE.....	1896—1903
EDMUND H. STEVENS.....	1899—1907
WILLIAM B. DURANT.....	1899—1907
ANDREW J. RADY.....	1903—1914
JOHN F. O'BRIEN.....	1903—1923
ALVIN F. SORTWELL.....	1907—1910
JAMES J. SCULLY.....	1910—1928
AUGUSTUS W. DUDLEY.....	1907—1909
JOSEPH E. DOHERTY.....	1909—1929
BERNARD E. McDERMOTT.....	1910—1930
JOHN P. CONROY.....	1914—1925
MARTIN A. FEELEY.....	1925—1931
THOMAS E. KENNEDY.....	1926—1930
HENRY L. SKELLEY.....	1928 (Now in office)
DR. GEORGE F. McINNES.....	1929 (Now in office)
HOWARD M. TURNER.....	1930—1937
JAMES J. SCULLY.....	1930—1934
DANIEL CRONIN.....	1934—1935
THOMAS H. O'HARA.....	1935 (Now in office)
TIMOTHY F. McCARTHY.....	1935 (Now in office)
JOHN J. FOLEY.....	1937 (Now in office)

Presidents of the Board

J. WARREN MERRILL.....	1865—1867
EZRA PARMENTER.....	1867—1867
JOHN SARGENT.....	1867—1871
J. WARREN MERRILL.....	1871—1873
CHESTER W. KINGSLEY.....	1873—1876
GEORGE P. CARTER.....	1876—1883
CHESTER W. KINGSLEY.....	1883—1894
JAMES M. W. HALL.....	1894—1899
WILLIAM B. DURANT.....	1899—1907
ALVIN F. SORTWELL.....	1907—1910
ANDREW J. RADY.....	1910—1914
JAMES J. SCULLY.....	1914—1928
BERNARD E. McDERMOTT.....	1928—1930
MARTIN A. FEELEY.....	1930—1931
DR. GEORGE F. McINNES.....	1934—1937

Superintendents of Water Works

Date and length of service

GEORGE W. FIFIELD.....	1857—1864
S. W. DUDLEY.....	1865—1876
HIRAM NEVONS.....	1877—1893
JOHN HARRINGTON.....	1894
EDWIN C. BROOKS.....	1895—1912
EDWARD W. QUINN.....	1913—1917
TIMOTHY W. GOOD.....	1918 (Now in office)

REPORT OF THE CAMBRIDGE WATER BOARD

December 31, 1938.

To the Honorable City Council:

The seventy-fourth annual report of the Cambridge Water Board for the year ending December 31, 1938, is herewith submitted for your consideration. The report of the General Superintendent gives in detail the operations and expenditures of the Department. Reference is also made to the report of the Commissioners of the Sinking Fund of the City.

FINANCIAL STATEMENT IN BRIEF

Total cost of Water Works to December 31, 1937.....	\$9,217,521 88
Pressure survey	2,385 80
Laying water mains.....	32,944 80
<hr/>	
Total cost of Water Works to December 31, 1938.....	\$9,252,852 48
Maturing debt.....	\$704,000 00
Value of sinking fund.....	\$47,064 17
Funded bonds.....	26,500 00
<hr/>	
	20,564 17
<hr/>	
Net water debt December 31, 1938.....	\$683,435 83

No contribution has been made to the Sinking Fund since December 1, 1917.
All water debt since 1913 must be made in serial form.

Funded Water Debt

Date of Issue	Interest	From	Due	Amount
March 1, 1911	3½%	30 years	March 1, 1941	\$16,500 00
December 1, 1911	3½%	30 years	December 1, 1941	10,000 00
				<hr/>
				\$26,500 00

Maturing Debt of Water Department

Due year ending December 31, 1939.....	\$58,500 00
Due year ending December 31, 1940.....	57,500 00
Due year ending December 31, 1941.....	57,500 00
Due year ending December 31, 1942.....	57,500 00
Due year ending December 31, 1943.....	44,500 00
Due year ending December 31, 1944.....	44,500 00
Due year ending December 31, 1945.....	43,000 00
Due year ending December 31, 1946.....	43,000 00
Due year ending December 31, 1947.....	42,000 00
Due year ending December 31, 1948.....	42,000 00
<hr/>	
Amount carried forward.....	\$490,000 00

Maturing Debt of Water Department—Continued

<i>Amount brought forward</i>	\$490,000 00
Due year ending December 31, 1949.....	42,000 00
Due year ending December 31, 1950.....	34,000 00
Due year ending December 31, 1951.....	23,000 00
Due year ending December 31, 1952.....	23,000 00
Due year ending December 31, 1953.....	23,000 00
Due year ending December 31, 1954.....	23,000 00
Due year ending December 31, 1955.....	23,000 00
Due year ending December 31, 1956.....	23,000 00
	<hr/>
	\$704,000 00
The interest to be paid on the above for 1939 is.....	\$27,255 00

Maturing Debt Due in 1939

<i>Issued</i>		
July, 1914.....	4%	\$1,500 00
October, 1921 (Filtration).....	4½%	11,000 00
October, 1922 (Filtration).....	4%	13,000 00
August, 1931 (Stony Brook Conduit and 24- to	3½%	9,000 00
30-inch mains).....	3½%	15,000 00
April, 1934, water mains.....	3¼%	4,000 00
October, 1934, water mains.....	3¼%	5,000 00
		<hr/>
		\$58,500 00

Statements of yearly revenue received from water rates since the purchase of the works by the City:

From April 28, 1865, to December 1, 1865.....	\$32,367 19
From December 1, 1865, to December 1, 1866.....	40,073 27
From December 1, 1866, to December 1, 1867.....	53,733 62
From December 1, 1867, to December 1, 1868.....	53,747 42
From December 1, 1868, to December 1, 1869.....	76,149 30
From December 1, 1869, to December 1, 1870.....	92,605 95
From December 1, 1870, to December 1, 1871.....	111,782 65
From December 1, 1871, to December 1, 1872.....	127,201 30
From December 1, 1872, to December 1, 1873.....	146,117 32
From December 1, 1873, to December 1, 1874.....	153,634 27
From December 1, 1874, to December 1, 1875.....	138,880 37
From December 1, 1875, to December 1, 1876.....	179,166 76
From December 1, 1876, to December 1, 1877.....	154,843 59
From December 1, 1877, to December 1, 1878.....	157,443 91
From December 1, 1878, to December 1, 1879.....	164,681 90
From December 1, 1879, to December 1, 1880.....	173,325 49
From December 1, 1880, to December 1, 1881.....	170,062 73
From December 1, 1881, to December 1, 1882.....	177,430 80
From December 1, 1882, to December 1, 1883.....	179,361 89
From December 1, 1883, to December 1, 1884.....	161,526 27
From December 1, 1884, to December 1, 1885.....	185,544 36
From December 1, 1885, to December 1, 1886.....	199,404 43
From December 1, 1886, to December 1, 1887.....	204,748 64
From December 1, 1887, to December 1, 1888.....	211,156 27
From December 1, 1888, to December 1, 1889.....	221,124 70
From December 1, 1889, to December 1, 1890.....	231,116 32
From December 1, 1890, to December 1, 1891.....	227,054 53
From December 1, 1891, to December 1, 1892.....	237,527 08
From December 1, 1892, to December 1, 1893.....	212,219 78

From December 1, 1893, to December 1, 1894.....	\$250,032	71
From December 1, 1894, to December 1, 1895.....	268,813	62
From December 1, 1895, to December 1, 1896.....	281,030	00
From December 1, 1896, to December 1, 1897.....	291,457	62
From December 1, 1897, to December 1, 1898.....	267,129	78
From December 1, 1898, to December 1, 1899.....	302,569	00
From December 1, 1899, to December 1, 1900.....	319,479	37
From December 1, 1900, to December 1, 1901.....	320,468	01
From December 1, 1901, to December 1, 1902.....	323,000	53
From December 1, 1902, to December 1, 1903.....	333,777	34
From December 1, 1903, to December 1, 1904.....	339,109	27
From December 1, 1904, to December 1, 1905.....	343,916	00
From December 1, 1905, to December 1, 1906.....	355,768	47
From December 1, 1906, to December 1, 1907.....	373,151	35
From December 1, 1907, to March 31, 1909 (16 months).....	410,533	41
From April 1, 1909, to March 31, 1910.....	351,264	86
From April 1, 1910, to March 31, 1911.....	375,722	42
*From April 1, 1911, to March 31, 1912.....	353,891	02
From April 1, 1912, to March 31, 1913.....	385,475	71
From April 1, 1913, to March 31, 1914.....	383,342	41
From April 1, 1914, to March 31, 1915.....	396,827	26
From April 1, 1915, to March 31, 1916.....	394,908	36
From April 1, 1916, to March 31, 1917.....	401,607	91
From April 1, 1917, to March 31, 1918.....	358,335	70
From April 1, 1918, to March 31, 1919.....	423,906	10
From April 1, 1919, to March 31, 1920.....	403,250	84
From April 1, 1920, to March 31, 1921.....	453,775	94
From April 1, 1921, to March 31, 1922.....	441,109	10
From April 1, 1922, to March 31, 1923.....	486,098	14
From April 1, 1923, to March 31, 1924.....	500,193	02
From April 1, 1924, to March 31, 1925.....	490,487	73
From April 1, 1925, to March 31, 1926.....	512,219	95
From April 1, 1926, to March 31, 1927.....	525,034	28
From April 1, 1927, to March 31, 1928.....	517,487	82
From April 1, 1928, to March 31, 1929.....	535,736	67
From April 1, 1929, to March 31, 1930.....	564,378	31
From April 1, 1930, to March 31, 1931.....	555,681	71
From April 1, 1931, to December 31, 1931 (9 months).....	391,537	21
From January 1, 1932, to December 31, 1932.....	473,507	56
From January 1, 1933, to December 31, 1933.....	479,078	66
From January 1, 1934, to December 31, 1934.....	477,347	34
From January 1, 1935, to December 31, 1935.....	465,220	52
From January 1, 1936, to December 31, 1936.....	473,151	81
From January 1, 1937, to December 31, 1937.....	501,095	59
From January 1, 1938, to December 31, 1938.....	483,799	94

Surplus Receipts

The surplus receipts March 31, 1918.....	33,543	71
The surplus receipts March 31, 1919.....	105,994	89
The surplus receipts March 31, 1920.....	71,060	28
The surplus receipts March 31, 1921.....	80,242	80
The surplus receipts March 31, 1922.....	25,182	90
The surplus receipts March 31, 1923.....	113,295	39
The surplus receipts March 31, 1924.....	12,528	94
The surplus receipts March 31, 1925.....	27,414	64
The surplus receipts March 31, 1926.....	50,465	05
The surplus receipts March 31, 1927.....	59,115	08
The surplus receipts March 31, 1928.....	39,606	50

* Reduction of water rates in 1911.

The surplus receipts March 31, 1929.....	\$ 62,673 42
The surplus receipts March 31, 1930.....	96,501 04
The surplus receipts March 31, 1931.....	104,998 36
The surplus receipts for nine months December 31, 1931.....	31,756 88
The total surplus receipts 1932.....	39,561 27
The surplus receipts December 31, 1933.....	35,877 35
The surplus receipts December 31, 1934.....	66,665 99
The surplus receipts December 31, 1935.....	63,486 11
The surplus receipts December 31, 1936.....	44,164 77
The surplus receipts December 31, 1937.....	106,775 48
The surplus receipts December 31, 1938.....	111,376 79

	Commitments	Collections*	Expended
March 31, 1927.....	\$527,128 41	\$525,034 28	\$465,919 20
March 31, 1928.....	515,701 96	517,487 82	477,881 32
March 31, 1929.....	539,354 88	535,736 67	473,063 25
March 31, 1930.....	581,033 49	564,378 31	467,877 27
March 31, 1931.....	573,049 81	555,681 71	450,683 35
December 31, 1931†.....	412,552 60	391,537 21	356,710 42
December 31, 1932.....	501,545 14	473,507 56	468,149 92
December 31, 1933.....	494,132 07	479,078 66	438,760 30
December 31, 1934.....	482,467 74	477,347 34	420,448 63
December 31, 1935.....	478,227 67	465,220 52	437,772 58
December 31, 1936.....	476,973 72	473,151 81	503,943 48
December 31, 1937.....	490,587 75	501,095 59	438,340 04
December 31, 1938.....	474,630 95	483,799 94	439,249 29

*Collections include amounts previously due.

†Fiscal year formerly ended March 31. Changed, in 1931, to end December 31.

CONSUMPTION OF WATER

	Gallons
The total pumpage of water for the year ending December 31, 1937	4,380,818,000
The total pumpage of water for the year ending December 31, 1938	4,263,328,800
Decrease	117,489,200
Daily average pumping during 1937.....	12,002,241
Daily average pumping during 1938.....	11,680,352
Decrease.....	321,889
The daily average consumption per capita based on recent population figured by Secretary of State (population — 118,075)	98.90

METERS

Ninety-nine per cent of our supplies are metered, as follows:

Domestic and industrial services.....	13,757
*Public buildings.....	79
Total meters in use.....	13,836

Since July 25, 1931, all new buildings have been metered.

*No charge is made to the City for water for any purpose

RESERVOIRS

In Fresh Pond the elevation of the water is 17.37. The lowest elevation noted in this basin during 1938 was 14.10 on January 31, 1938.

In Stony Brook the elevation of the water is 76.70. The lowest elevation noted in this basin during 1938 was 79.20 on June 27.

In Hobbs Brook the elevation of the water is 182.41. The lowest elevation noted in this basin during 1938 was 179.74 on January 1.

The overflow from Stony Brook into Charles River during the year 1938 was 4,270,183,000 gallons.

REPORT OF THE GENERAL SUPERINTENDENT OF THE CAMBRIDGE WATER WORKS

Cambridge, Mass., December 31, 1938.

To the Honorable Water Board:

The report of the General Superintendent for the year ending December 31, 1938, is respectfully submitted.

The financial reports are compiled from figures submitted by the clerical department.

Amount of bills uncollected December 31, 1937:

Water rates, schedule	\$4,303 50	
Water rates, meters	74,555 47	
New supplies	1,031 29	
Supplies renewed	4,729 91	
Maintenance, general	3,536 18	
Maintenance, setting meters	162 71	
Maintenance, cleaning supplies	260 00	
Off and on	151 00	
Seals	7 75	
Rents	590 00	
		<hr/> \$89,327 81

Amount of bills committed to City Treasurer for collection from January 1, 1938 to December 31, 1938:

Water rates, schedule	\$2,151 00	
Water rates, meters	458,987 45	
New supplies	4,980 35	
Supplies renewed	4,792 80	
Maintenance, general	891 45	
Maintenance, cleaning supplies	80 00	
Off and on	157 00	
Seals		
Rents	1,295 90	
Fire supplies	1,295 00	
		<hr/> \$474,630 95

There have been collected:

Water rates, schedule	\$2,226 65	
Water rates, meters	467,446 95	
New supplies	4,966 80	
Supplies renewed	5,270 16	
Maintenance, general	794 34	
Maintenance, setting meters	1 00	
Maintenance, cleaning supplies	120 00	
Off and on	169 00	
Seals		
Rents	1,680 04	
Fire supplies	1,125 00	
		<hr/> \$483,799 94

There remains uncollected December 31, 1938:

Water rates, schedule.....	\$3,991 90	
Water rates, meters.....	66,570 96	
New supplies.....	1,044 84	
Supplies renewed.....	4,193 85	
Maintenance, general.....	3,563 70	
Maintenance, setting meters.....	158 63	
Maintenance, cleaning supplies.....	210 00	
Off and on.....	137 00	
Seals.....	7 75	
Rents.....	158 00	
Fire supplies.....	175 00	
	<hr/>	\$80,211 63

EXPENDITURES

Maintenance:		
*General Account.....	\$291,168 71	
Pumping Account.....	53,105 90	
Reservoirs Account.....	47,328 80	
Filtration Account.....	47,645 88	
	<hr/>	\$439,249 29
Construction, laying water mains.....		\$32,944 80
*Maturing debt, \$58,500.00, and Interest on debt, \$29,442.50, are included in General Maintenance Account.		

The surplus receipts retained in the City Treasury, to the credit
of the Water Department, as required by law, amount to \$111,376 79

Abatements.....	\$999 03
Refunds (by City Treasurer for duplicate payments, etc., not made by Water Department).....	\$404 65

Comparison of Pumpage

	Pumpage		Increase* or Decrease†
	1937	1938	
	Gallons	Gallons	Gallons
January	370,392,000	353,102,700	17,289,300 †
February	332,300,100	311,709,400	20,590,700 †
March	371,283,000	349,980,200	21,302,800 †
April	344,255,600	336,295,400	7,960,200 †
May	374,733,800	355,493,400	19,240,400 †
June	366,149,300	354,778,400	11,370,900 †
July	387,340,200	361,100,500	26,239,700 †
August	399,414,000	402,720,500	3,306,500 *
September	357,694,900	346,798,200	10,896,700 †
October	376,793,800	380,328,500	3,534,700 *
November	348,430,500	351,840,400	3,409,900 *
December	352,030,800	359,181,200	7,150,400 *
Totals	4,380,818,000	4,263,328,800	117,489,200 (decrease)

*Increase.
†Decrease.

Comparative Total Pumping During Past Ten Years

Year	Annual Pumpage	Total Increase or Decrease	Average Daily Pumpage	Daily Increase or Decrease	Average Daily Pumping Per Capita	Estimated Population
	Gallons	Gallons	Gallons	Gallons	Gallons	
*1929	4,493,356,100	114,107,500 increase	12,310,564	345,404 increase	98	125,000
*1930	4,729,269,480	235,913,380 increase	12,956,902	646,338 increase	103	125,000
*1931	4,787,859,430	58,589,950 increase	13,117,423	160,521 increase	105	125,000
†1930	3,625,781,830		13,184,661			125,000
†1931	3,413,852,500	211,929,330 decrease	12,414,009	770,652 decrease	99	125,000
†1931	4,575,930,100		12,502,541			125,000
†1932	4,456,711,100	119,219,000 decrease	12,176,806	325,735 decrease	98	125,000
1933	4,215,192,200	241,518,900 decrease	11,548,471	628,335 decrease	92	125,000
1934	4,462,657,100	247,464,900 increase	12,226,457	677,986 increase	93	125,000
1935	4,404,093,100	58,564,000 decrease	12,066,008	160,449 decrease	95.5	125,000
1936	4,567,171,400	163,078,300 increase	12,478,710	412,702 increase	99.8	125,000
1937	4,380,818,000	186,353,400 decrease	12,002,241	476,469 decrease	101.6	118,075
1938	4,263,328,800	117,489,200 decrease	11,980,352	321,889 decrease	98.9	118,075

Figures for population corrected by Secretary of State.

* Fiscal year ended March 31.

† For nine months, April 1 to December 31. Total pumpage for year 4,575,930,100 gallons. Daily average pumpage for year, 12,502,541 gallons.

‡ Fiscal year ends December 31.

Rainfall for Year Ending December 31, 1938

1938	*Fresh Pond Reservoir	Stony Brook Reservoir	Hobbs Brook Reservoir
	Inches	Inches	Inches
January.....	4.91	4.94	4.01
February.....	2.38	3.06	3.97
March.....	2.42	5.27	4.80
April.....	3.22	3.44	3.85
May.....	4.42	4.41	3.92
June.....	6.30	5.74	5.92
July.....	9.46	12.12	11.53
August.....	3.31	3.35	2.64
September.....	6.00	7.15	7.37
October.....	1.82	2.56	2.27
November.....	2.89	3.31	3.11
December.....	2.80	3.15	2.94
Totals.....	49.93	58.50	56.33

*Records of Fresh Pond are given by City Engineer.

Total Rainfall for the Past Ten Years

	*Fresh Pond Reservoir	Stony Brook Reservoir	Hobbs Brook Reservoir
Year	Inches	Inches	Inches
1929.....	38.78	46.28	42.00
1930.....	32.86	36.50	36.39
1931.....	36.27	40.82	38.42
†1931.....	29.58	32.20	29.33
†1932.....	44.69	47.31	48.68
1933.....	47.63	47.84	45.59
1934.....	34.15	41.24	40.15
1935.....	32.94	35.93	35.95
1936.....	46.26	46.74	45.94
1937.....	43.67	44.79	43.74
1938.....	49.93	58.50	56.33

* Records of Fresh Pond are given by City Engineer.

† For nine months only.

‡ Year is now from January 1 to December 31. Previous years were from April 1 to March 31.

FRESH POND PUMPING STATION

1938	RUNNING TIME			PUMPAGE				COAL CONSUMED		Rainfall Inches	Average Elevation Fresh Pond
	Days	Hours	Hours Daily Average	Leavitt Engine* No. 3 Gallons	Worthington Engine† No. 4 Gallons	Total Gallons	Daily Average Gallons	Total Pounds	Daily Average Pounds		
January	31	434.00	14.00		353,102,700		11,390,409	436,700	14,087	4.91	16.17
February	28	383.75	13.70		311,709,400		11,132,478	388,200	13,864	2.38	15.53
March	31	430.50	13.88		349,980,200		11,289,684	434,200	14,006	2.42	16.84
April	30	415.25	13.84		334,659,400		11,209,816	411,900	13,730	3.22	16.48
May	31	437.75	14.12	1,636,000	355,493,400		11,467,529	432,400	13,948	4.42	16.60
June	30	439.25	14.64		354,778,400		11,825,946	432,600	14,420	6.30	16.63
July	31	443.75	14.31		361,100,500		11,648,403	438,900	14,158	9.46	16.36
August	31	495.50	15.98		402,720,500		12,990,984	488,700	15,764	3.31	16.80
September	30	424.25	14.14		346,798,200		11,559,940	420,500	14,016	6.00	14.95
October	31	478.00	15.41	175,104,600	205,223,900		12,268,661	503,200	16,232	1.82	16.55
November	30	433.50	14.45		351,840,400		11,728,013	435,100	14,503	2.89	17.09
December	31	441.00	14.22		359,181,200		11,586,490	444,000	14,322	2.80	16.00
Totals	365	5,256.50		*176,740,600	†4,086,588,200	4,263,328,800		5,266,400		49.93	
Daily aver...	....	.....	14.40	.....	.....	.....	11,680,352	.....	.. 14,428	.....	16.33

* Leavitt Pump No. 3 used 17 days.
† Worthington Pump No. 4 used 348 days.

FRESH POND RESERVOIR

1938	Highest Elevation During Month	Lowest Elevation During Month	Average Elevation	Rainfall by the Month Inches	Pumpage by the Month Gallons
January 12.....	17.52				
January 31.....		14.10	16.17	4.91	353,102,700
February 1.....		14.20			
February 28.....	16.44		15.53	2.38	311,709,400
March 19.....	17.56				
March 31.....		15.62	16.84	2.42	349,980,200
April 1.....		15.47			
April 30.....	17.22		16.48	3.22	336,295,400
May 11.....	17.52				
May 22.....		15.50	16.60	4.42	355,493,400
June 1.....		16.05			
June 30.....	17.20		16.63	6.30	354,778,400
July 7.....	17.59				
July 18.....		15.09	16.36	9.46	361,100,500
August 24.....	17.06				
August 31.....		15.84	16.80	3.31	402,720,500
September 7-8....		14.80			
September 30.....	16.22		14.95	6.00	346,798,200
October 1.....		16.28			
October 31.....	16.87		16.55	1.82	380,328,500
November 25.....	17.44				
November 30.....		16.53	17.09	2.89	351,840,400
December 8.....		15.34			
December 31.....	16.66		16.00	2.80	359,181,200
Total rainfall.....				49.93	
Total consumption.					4,263,328,800
Average elevation during year.....			16.33		

PUMPING STATISTICS

From January 1, 1938 to December 31, 1938

1. Builders of pumping machinery: one Leavitt engine of 20,000,000 gallons capacity per twenty-four hours, built by Groshon High Duty Pumping Engine Company; one Worthington Cross Compound engine of 20,000,000 gallons capacity per twenty-four hours; and two Worthington Compound Duplex engines of 5,000,000 gallons capacity, each, per twenty-four hours. Total capacity, 50,000,000 gallons per twenty-four hours.
 2. Description of fuel: kind, bituminous. Brand and price of coal, Beacon Special New River Beckley Seam Full Run Mine Coal, at \$6.58 per gross ton high grade bituminous.
 3. Coal consumed for year, 5,266,400 pounds. Daily average coal consumed, 14,428 pounds. Coal per million gallons pumped, 1,235.27 pounds. Total pumpage for year with four per cent allowance for slip, 4,263,328,800 gallons. Daily average pumpage, 11,680,352 gallons.
 4. Average static head against which the Worthington pump works, 165.5.
 5. Average dynamic head against which the Worthington pump works, 190.
 6. Duty of Worthington Cross Compound engine which pumped the water for 348 days, average, 130,574,500 per week. The Leavitt engine pumped the water for 17 days.
 7. Cost of pumping figured on pumping operating expenses, \$53,105.90.
 8. Cost per million gallons pumped, \$12.45.
 9. Cost per million gallons raised one foot (dynamic), \$0.05988.
- Total population, census figures of 1935 (latest from Secretary of State), 118,075
- Estimated population supplied on lines of pipe, 118,075.

SUMMARY OF STATISTICS

In form recommended by the New England Water Works Association

CAMBRIDGE WATER WORKS

Cambridge, Middlesex County, Massachusetts

GENERAL STATISTICS

Population by census 1920, 109,456; 1925, 119,667.

Population in 1935 from figures of Secretary of State, 118,075.

"Cambridge Water Works Corporation" was chartered in 1852 and organized in 1853.

The works were constructed in 1855, Mr. John Blake, consulting engineer, and came into possession of the city by purchase in 1865, when they were called "Cambridge Water Works."

The original source of supply was Fresh Pond in Cambridge and Belmont, which was enlarged by connection via conduit with Wellington Brook and Spy Pond, Arlington. The waters of these additional sources were adjudged unfit for domestic use in 1880 and since that time have not been utilized for a supply in Cambridge.

In 1887 Fresh Pond was augmented by a storage reservoir which had been constructed on Stony Brook, located in Weston and Waltham. The waters from this brook are brought to Cambridge by a conduit, originally a thirty-inch cast-iron pipe, which was laid through Waltham and Watertown to Fresh Pond Reservoir. This extension of the works was made under the direction of Mr. Henry N. Crafts, as consulting engineer, and our City Engineer, Mr. W. S. Barbour.

The population of the city was about 60,000 in 1887.

In 1897, an additional provision was made for storing water by the construction of two large reservoirs artificially formed by constructing two dams across Hobbs Brook, which is a tributary of Stony Brook, and flows through Lexington and Lincoln. Payson Park Distributing Reservoir also was completed in 1897. Consulting engineers, Mr. A. Fteley and Messrs. Rice and Evans, and our City Engineer, Mr. L. M. Hastings, directed the construction of these reservoirs.

The population was about 87,500 in 1897.

In 1905 and 1906, two sections of the Stony Brook pipe line were rebuilt; the new conduit was made of concrete, sixty-three inches in diameter. Another part was rebuilt in 1908, when a new thirty-inch main of cast iron was laid to replace 1,500 feet of old thirty-inch line which has been abandoned. The consulting engineer for the concrete conduit was Mr. Freeman C. Coffin, assisted by our City Engineer, Mr. L. M. Hastings. The new thirty-inch main was laid under the supervision of the Water Works Superintendent, Mr. E. C. Brooks.

The conduit is constructed as follows:

From Fresh Pond to beyond Holmes Street	1,024 feet of 63-inch concrete
From Holmes Street to beyond Holworthy Place . . .	470 feet of 42-inch cast iron
From Holworthy Place to River Street, Waltham . . .	25,867 feet of 63-inch concrete
From River Street to Waltham Pumping Station . . .	8,710 feet of 30-inch cast iron
From Waltham Pumping Station to gate house at dam	5,003 feet of 36-inch cast iron
From River Street to the } {	6,662 feet of 36-inch steel
36-inch under the dam } {	6,061 feet of 36-inch cast iron
<hr/>	
53,797 feet	

This 36-inch conduit is connected to the 63-inch; it was finished in 1932 and the water was turned into it on September 24, 1932.

There are also 747 feet of 30-inch under the dam at Stony Brook Reservoir.

In 1928 the efficiency of this conduit was increased by cleaning the 36-inch and 30-inch cast iron main from the Stony Brook dam to River Street. The capacity is now estimated at 16,000,000 gallons daily.

Mode of supply: gravity from Hobbs Brook and Stony Brook storage reservoirs to Fresh Pond Filtration Plant; thence by pumping, through the 40-inch steel pumping main to Payson Park distributing reservoir; thence by gravity to consumers through the 40-inch steel distributing main. The Leavitt engine, built in 1897, of 20,000,000 capacity is connected with these steel mains. The Cross Compound Worthington engine of 20,000,000 gallons capacity is also connected to the steel mains.

In case of necessity, the water can be pumped direct from the pumping station through the 30-inch and 24-inch cast iron pumping mains into the 40-inch steel distributing main.

The length of this 40-inch steel pumping main from the Pumping Station to Payson Park Reservoir is 8,392 feet and

from Payson Park Reservoir the 40-inch steel distributing main to the Cambridge Common is 14,924 feet; total, 23,316 feet.

In December, 1927, the work on the leak, which had existed for over twenty years in Payson Park Reservoir, was completed.

The Purification Plant was officially in operation June 28, 1923.

In 1932, six new filter beds and housings for same were added, making a total of sixteen beds and facilities for filtering 24,000,000 gallons of water daily. The housings and installations of two 7½ million gallons pumping units were also installed to connect Fresh Pond with the Plant through two 36-inch steel mains.

METHOD OF PURIFYING CAMBRIDGE WATER

The water formerly flowing into Fresh Pond from Stony Brook is now diverted through a 42-inch pipe and enters the sedimentation basin (which has a capacity of 1,500,000 gallons). Here the chemical treatment of alum takes place. The water then flows to the filter beds, and passes through three feet of graduated sand and gravel, where all suspended matter, caused by coagulation after chemical treatment, is removed. The water then passes over ripple plates in an aerator, where all gases, tastes and odors are removed. Lime is then added to restore alkalinity. Finally, before the water enters the clear water basin, chlorine is added to destroy any remaining germs.

From the clear water basin, which has a capacity of 4,000,000 gallons, the water is pumped to Payson Park Reservoir for distribution to the consumers, by gravity.

In the event of insufficient flow from Stony Brook, a low lift pump room has been constructed, and provision has been made to pump the water, when necessary, from Fresh Pond direct to the sedimentation basin, through a unit of high speed centrifugal pumps. Of these, one is 10,000,000, two are 6,000,000 each, and one is of 4,000,000 gallons capacity, and are sufficient to care for any emergency that may arise.

The Plant has a capacity of filtering 24,000,000 gallons per day.

In 1930, an additional supply was laid to the Purification Works to meet any emergency that might arise, should the 40-inch steel mains be out of commission. An 8-inch main was laid from Poplar Road, thence under the Boston & Maine tracks, and

to the Purification Plant, which now may be fed under all conditions.

An additional sedimentation basin for our Purification Plant has been asked for by the Planning Commission and is being considered by the Water Board.

The pumpage for the year ending December 31, 1938 was 4,263,328,800 gallons.

The storage capacity, figured at high elevations in the reservoirs, is:

Hobbs Brook (elevation 183.25)	3,181,000,000 gallons
Stony Brook (elevation 83.00)	402,000,000 gallons
Fresh Pond (elevation 16.85)	700,000,000 gallons
Payson Park (elevation 178.50)	43,000,000 gallons
	<hr/> 4,326,000,000 gallons

STATISTICS RELATING TO DISTRIBUTING SYSTEM

From January 1 to December 31, 1938

The forty-inch pumping main to and distributing main from Payson Park Distributing Reservoir are of steel.

The main pipes are of cast iron, in sizes from two inches to forty inches.

The two-inch and smaller sizes are of lead lined pipe.

Extensions during the year, 4,076½ feet. Renewals during the year, 3,614 feet.

Total now in use:

	Feet
2-inch	8,978
3-inch	1,400
4-inch	67,697
6-inch	401,594
8-inch	108,269
10-inch	41,658
12-inch	100,267
16-inch	15,892
20-inch	25,177
24-inch	23,275
30-inch	12,257
40-inch	<hr/> 550

807,014 feet or 152.84 miles

December 31, 1938

Forty-inch steel main, 23,316 feet or 4.41 miles.

Leaks reported by inspectors while canvassing during the year 1938:

Kitchen faucets.....	780
Wash basins.....	216
Set tubs.....	267
Bathtubs.....	277
Water closets.....	874

Total leaks reported by inspectors...	2,414
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Leaks reported at office and water yard by various people other than inspectors, 1938:

Main pipe	15
Gates.....	4
Supplies.....	145
Hydrants.....	6
Fire supplies.....	4
Standpipe.....	1

Total leaks reported at office and water yard.....	175
--	-----

Total leaks reported during year 1938.....	2,589
--	-------

HYDRANTS

1938 Location	Kind Removed	Kind Installed	Gates Inches
Austin Street and Columbia Street.....	Corey	Cambridge	6
Centre near Dana Streets.....	Chapman	Chapman	6
Concord Boulevard (new boulevard).....		3 Corey	6
Drummond Road.....		Chapman	6
Franklin, corner Bay Streets.....	Perkins	Corey	6
120 Lake View Avenue.....	Perkins	Corey	6
Memorial Drive between Ames Street and Massa- chusetts Avenue.....		7 Cambridge	6
Oxford Avenue.....		Chapman	6
Revere Place.....		Cambridge	6
Rindge Avenue Extension to Smith Place.....		2 Cambridge	6
Whittemore Avenue, Dewey & Almy Co., Yard ...		Cambridge	8 x 6

NUMBER OF HYDRANTS IN USE

Boston.....	31
Cambridge	19
Chapman.....	707
Coffin.....	31
Corey.....	335
Flush.....	1
Holyoke.....	168
Kennedy.....	70
Matthews.....	8
Perkins.....	44

Total hydrants in use..... 1,414 December 31, 1938

Number of hydrants added during year..... 15
Number of gates added during year on main pipes and hydrants..... 41
Range of pressure on mains..... 55 to 60 pounds

NEW SUPPLIES, 1938

Kind of pipe: galvanized iron, cast iron, and lead lined.

Extended during the year, 1,894½ feet.

Sizes, ¾-inch to 6-inch.

Number of supplies added during the year, 51, as follows:

¾-inch	8
1-inch	10
1¼-inch	6
1½-inch	4
2-inch	7
4-inch	6
6-inch	10
<hr/>	
Total	51

Number of supplies now in use, 17,265.

Average length of services the past year, 37.14 feet.

Average cost per supply includes large supplies up to 6-inch,
\$98.81.

Average cost per supply (labor), \$67.68.

Number of meters added during the year, 59.

Total number of meters now in use, 13,836.

Percentage of services metered, now in use, 99 per cent.

The following large supplies were laid this year in sizes from 4-inch to 6-inch; six were for fire protection.

A. D. Club, Plympton Street and Massachusetts Avenue	4-inch
Cambridge, City of, Municipal Garage, Hampshire and Tremont Streets	4-inch
Cambridge, City of, Municipal Garage, Norfolk Street	6-inch fire
Elberry Motor Co., 360 River Street	6-inch fire
Hammett Co., J. L., 60 Carleton Street	6-inch fire
Harvard University, Hemenway Gymnasium, 1511 Massachusetts Avenue	4-inch
Harvard University, Widener Library, in Yard	6-inch fire
Harvard University, Littauer Building	6-inch
Ideal Tooth Inc., 85 Hamilton Street	6-inch
Lever Bros. Co., Wadsworth Street	6-inch and 4-inch
Lever Bros. Co., Wadsworth Street	6-inch fire
Massachusetts Institute of Technology, 47 Vassar Street	4-inch
Simplex Wire and Cable Co., 105 Pacific Street	6-inch fire
Simplex Wire and Cable Co., 105 Pacific Street	4-inch
Squire Co., J. P., 165 Gore Street	6-inch

FIRE SUPPLIES, 1938

Six "fire" supplies have been laid during the year 1938. The following list contains the number of fire supplies in commission at this date.

Adelson Estate, 544 Massachusetts Avenue.....	6-inch
Albiani Bros., 556 Massachusetts Avenue.....	6-inch
Allen & Endicott Building Co., 63 Albany Street.....	6-inch
American Rubber Co., Binney Street.....	6-inch
American Rubber Co., Potter Street.....	6-inch
Ameriean Circular Loom Co., Clarendon Avenue.....	6-inch
American Circular Loom Co., Tannery Street.....	2-inch
American Optical Co., 150 Broadway.....	6-inch
Ashton Valve Co., 161 First Street.....	6-inch
Assocaiated Trust, 888 Massachusetts Avenue.....	2-inch
Atwood & McManus, 64 Aberdeen Avenue.....	6-inch
Baker Supply Co., 145 Broadway.....	6-inch
Barbour Stockwell Co., Broadway and Market Street.....	6-inch
Baretta, Mary, 336 Main Street.....	6-inch
Barta Press, The, 209 Massachusetts Avenue.....	6-inch
Bell Confectionery Co., J. S., Sixth Street.....	6-inch
Berkshire Factory Trust, Amherst Street.....	6-inch
Blacker & Shepard Co., Osborn Street.....	1 1/2-inch
Blake & Knowles Steam Pump Works, Binney Street.....	8-inch
Blake & Knowles Steam Pump Works, Binney Street.....	6-inch
Blake & Knowles Steam Pump Works, Third Street.....	4-inch
Blanchard Machine Co., State Street.....	6-inch
Blanchard Machine Co., State Street.....	6-inch
Boston Blacking Co., Potter Street.....	6-inch
Boston Book Binding Co., Inc., 21 Mt. Auburn Street.....	6-inch
Boston Book Binding Co., Inc., Arrow Street.....	4-inch
Boston Cafeteria Co., 22 Dunster Street.....	6-inch
Boston Confectionery Co., 814 Main Street.....	6-inch
Boston Confectionery Co., 29 State Street.....	6-inch
Boston Elevated Railway Co., Bennett Street.....	4-inch
Boston Elevated Railway Co., Baldwin Street.....	4-inch
Boston Elevated Railway Co., 2375 Massachusetts Avenue.....	4-inch
Boston Elevated Railway Co., Murray Street.....	4-inch
Boston Elevated Railway Co., Murray Street.....	6-inch
Boston Elevated Railway Co., University Road.....	8-inch
Boston & Maine Railroad, Bridge Street.....	6-inch
Boston & Maine Railroad, Bridge and Water Streets.....	6-inch
Boston & Maine Railroad, East Street.....	6-inch
Boston & Maine Railroad, Bridge Street Yard — Four Cambridge hydrants.....	6-inch
Burke, Thomas F., 881 Massachusetts Avenue.....	2-inch
Cambridge, City of, Raymond Street.....	2-inch
Cambridge, City of, Raymond Street.....	6-inch
Cambridge, City of, Norfolk Street.....	6-inch
Cambridge, City of, Spring Street, Thorndike School.....	4-inch
Cambridge Electric Light Co., near 410 Western Avenue.....	6-inch
Cambridge Garage Co., 120 Mt. Auburn Street.....	6-inch
Cambridge Gas Light Co., Potter Street.....	6-inch
Cambridge Gas Light Co., Third Street.....	6-inch
Cambridge Gas Light Co., Second Street.....	6-inch
Cambridge Ice Co., Cottage Park Avenue.....	6-inch
Cambridge Hospital, 330 Mt. Auburn Street.....	8-inch
Cambridge Mutual Fire Insurance Co., 761 Massachusetts Avenue.....	2-inch
Cambridge Rubber Co., Main and Windsor Streets.....	6-inch

Cambridge Salvage and Supply Co., Sixth and Broadway	6-inch
Cambridge Savings Bank, 91 Broadway	6-inch
Cambridge Y. M. C. A., 828 Massachusetts Avenue	6-inch
Carter's Ink Co., First Street	4-inch
Carter's Ink Co., Athenaeum Street	6-inch
Christ Church, near 1 Garden Street	6-inch
Climax Paper Box Co., 20-24 Cottage Park Avenue	4-inch
Close Company, The George, 243 Broadway	6-inch
College House Trust, 1436 Massachusetts Avenue	4-inch
College House Trust, 1434 Massachusetts Avenue	6-inch
Columbian Investment Trust, 305 Webster Avenue	6-inch
Columbia Jewelry Co., Camp Street	6-inch
Commonwealth Laundry, 348 Franklin Street	4-inch
Commonwealth Laundry, 348 Franklin Street	6-inch
Corcoran, Heirs of John H., 631 Massachusetts Avenue	6-inch
Corcoran, Heirs of John H., 629 Massachusetts Avenue corner Essex Street	6-inch
Corcoran Supply Co., 62 Albany Street	6-inch
Crane, William, 95 Binney Street	6-inch
Crane William, Inc., 32 Dock Street	6-inch
Daggett Chocolate Co., Ames Street	6-inch
Daggett Chocolate Co., Main and Ames Streets	6-inch
Daggett Trust, The, Ames Street	6-inch
Danberg Bros., 141 First Street	6-inch
Davenport, A. H., 108 Cambridge Street	6-inch
Davenport, A. H., Otis Street	6-inch
Dewey & Almy Chemical Co., 235 Harvey Street	6-inch
* Dewey & Almy Chemical Co., 235 Harvey Street	6-inch
Dewey & Almy Chemical Co., 235 Harvey Street	8-inch
Dewey & Almy Chemical Co., Whittemore Avenue	6-inch
Dodge, Haley Co., 18 Hurley Street	6-inch
Dodge Motor Vehicle Co., 29 Lansdowne Street	6-inch
Dover Stamping and Manufacturing Co., 385 Putnam Avenue at Pleasant	6-inch
Dow Co., John C., 220 Portland Street	2-inch
Dow, Fred H., 718 Main Street	6-inch
Dow, Henry J., Inc., 217 Thorndike Street	6-inch
East Cambridge Savings Bank, 292 Cambridge Street	4-inch
Eisenberg & Shapiro, 2419 Massachusetts Avenue	6-inch
Elberry Motor Co., 360 River Street	6-inch
Elliott Addressing Machine Co., 147-153 Albany Street	6-inch
Episcopal Theological School, 99 Brattle Street	6-inch
Eustis Manufacturing Co., J. P., 12-16 Ames Street	6-inch
Fellows & Son, 810 Memorial Drive	6-inch
Field, Walter W., 39-41 Hayward Street	6-inch
Filene's Sons Co., Wm., Memorial Drive near Main Street	6-inch
Filene's Sons Co., Wm., Main Street and Memorial Drive	6-inch
First Congregational Church, near 12 Garden Street	6-inch
Fitzgerald, John F., 31 Main Street	6-inch
Flash Chemical Co., 160-170 Second Street	6-inch
Flynn, T. J., Albany and Portland Streets	6-inch
Freedman, Morris, 197 Fifth Street	6-inch
Furbish, Fred B., 41 Church Street	4-inch
Geilfuss, Charles A., 58 Brookline Street	6-inch
General Radio, 38 State Street	6-inch
George Realty Co., 54 Washburn Avenue	6-inch
Ginn & Co., 215 First Street	6-inch
Ginn & Co., Athenaeum Street	Two 6-inch
Ginn & Co., Munroe Street	6-inch
Ginsberg, Harris, 25 Pearl Street	6-inch
Goepper Brothers, Ninth Street	1 1/2-inch

* Dewey & Almy supplies connected to crossover.

Goldman, Lowe, 360 Prospect Street.....	6-inch
Graham & Company, James J., Otis Street.....	6-inch
Gray & Sons, Peter, 286 Third Street.....	6-inch
Green Bros., 47 Austin Street.....	6-inch
Greer, J. W., 119 Windsor Street.....	6-inch
Greylock Candy Co., 414 Main Street.....	6-inch
Hammett Co., J. L., 60 Carleton Street.....	6-inch
Harvard Co-operative Society, Palmer Street.....	Two 6-inch
*Harvard University, Banks Street.....	4-inch
Harvard University, Cambridge and Kirkland Streets, Memorial Hall..	Two 4-inch
Harvard University, Concord Avenue, Observatory.....	6-inch
Harvard University, Divinity Avenue, Semitic Museum.....	4-inch
Harvard University, Holmes Field, Austin Hall.....	6-inch
Harvard University, Holmes Field, Langdell Hall.....	4-inch
Harvard University, Holmes Field, Jefferson Laboratory.....	6-inch
Harvard University, 2 Holmes Place, Gannett House.....	6-inch
Harvard University, Harvard and Quincy Streets, Harvard Union.....	6-inch
Harvard University, 29 Holyoke Street.....	4-inch
Harvard University, 63 Mt. Auburn Street, Claverly Hall.....	6-inch
Harvard University, 320 Mt. Auburn Street, Stillman Infirmary.....	6-inch
Harvard University, 1354 Massachusetts Avenue.....	6-inch
Harvard University, 479 Massachusetts Avenue.....	6-inch
Harvard University, Oxford Street, Drill Hall.....	6-inch
Harvard University, Oxford Street, Perkins Hall.....	6-inch
Harvard University, 1340 Massachusetts Avenue, Holyoke House.....	6-inch
Harvard University, In Yard, Emerson Hall.....	6-inch
Harvard University, In Yard, Harvard Hall.....	6-inch
Harvard University, In Yard, Matthews Hall.....	6-inch
Harvard University, In Yard, Thayer Hall.....	4-inch
Harvard University, In Yard, University Hall.....	6-inch
Harvard University, In Yard, Weld Hall.....	6-inch
Harvard University, In Yard, Widener Library.....	6-inch
Haskell, Adams Co., 30 Henry Street.....	6-inch
Hasty Pudding Club, Holyoke Street.....	4-inch
Henderson Bros., 2069 Massachusetts Avenue.....	6-inch
Hews Co., A. H., Richdale Avenue.....	Two 4-inch
†Hews Co., A. H., Sherman Street.....	6-inch
Hingham Knit Goods Co., Banks Street.....	4-inch
Holmes Real Estate Trust, 2 to 9 Central Square.....	6-inch
Holmes Real Estate Trust, 624 Massachusetts Avenue.....	6-inch
Hood Ice Cream Co., 155 Massachusetts Avenue.....	6-inch
Holy Ghost Hospital for Incurables, 1575 Cambridge Street.....	3-inch
Houghton & Dutton, 656 Main Street.....	6-inch
Houghton Mifflin Co., 20 Blackstone Street.....	8-inch
Houghton Mifflin Co., River Street at Blackstone Street.....	6-inch
Howe, Estate of Otis, 748 Main Street.....	6-inch
Hyde, Abe R., 521 Windsor Street.....	6-inch
Hyde, Abe R., 432 Columbia Street.....	6-inch
Irving & Casson, 108 Cambridge Street.....	6-inch
Irving & Casson, 108 Cambridge Street.....	6-inch
Irving & Casson, 27 Otis Street.....	6-inch
Irving & Casson, Otis Street.....	Two 6-inch
Irving & Casson, Thorndike Street.....	Two 6-inch
Irving & Casson, Thorndike Street.....	6-inch
Ivers & Pond Piano Co., Albany Street.....	4-inch
Ivers & Pond Piano Co., Main Street at Albany Street.....	6-inch
Ivers & Pond Piano Co., Albany Street.....	6-inch

* Tapped for $\frac{3}{4}$ -inch. No meter.

† Tapped for $\frac{3}{4}$ -inch.

Jacobs, David, 60 First Street.....	6-inch
Johnson Marble Co., 37 Osborn Street.....	6-inch
Kendall Square Building Trust, 20 Hayward Street.....	6-inch
Klauer Bros., 345 Franklin Street.....	6-inch
Kramer, George, 11 State Street.....	6-inch
Kingston Knitting Co., Carleton and Deacon Streets.....	6-inch
Ladd & Barker, 11 Windsor Street.....	6-inch
Lamb & Ritchie, Albany Street.....	6-inch
Lever Brothers, Ltd., Broadway.....	8-inch
Lever Brothers, Ltd., Broadway.....	6-inch
Lever Brothers, Ltd., Broadway.....	6-inch
Lever Brothers, Ltd., Burleigh Street.....	10-inch
Lever Brothers, Ltd., Harvard Street.....	8-inch
Lever Brothers, Ltd., Harvard Street.....	6-inch
Lever Brothers, Ltd., Portland Street.....	6-inch
Lever Brothers, Ltd., Portland Street.....	6-inch
Lever Brothers, Ltd., Wadsworth Street.....	6-inch
Library Bureau, Albany Street.....	6-inch
Liquid Carbonic Co., 136 Broadway.....	6-inch
Little, Arthur D., Inc., 30 Memorial Drive.....	6-inch
Little, Brown & Co., Putnam Avenue at Blackstone Street.....	6-inch
Little, Brown & Co., Blackstone Street.....	6-inch
Lovell & Hall, Whittemore Avenue.....	6-inch
Lualdi, Inc., Angelo, 6 Cambridge Street.....	6-inch
Macomber, George E., 128 Magazine Street.....	6-inch
Main Street Trust, Amherst Street.....	6-inch
Main Street Trust, Amherst Street.....	6-inch
Manhattan Market Co., 271 Green Street.....	6-inch
Manufacturers' National Bank Realty Trust, 226 Main Street.....	6-inch
Manufacturers National Bank Realty Trust, 226 Main Street.....	6-inch
Masonic Temple, 1950 Massachusetts Avenue.....	4-inch
Mason & Hamlin Co., Broadway.....	Two 6-inch
Massachusetts Institute of Technology, Memorial Drive, Boat House.....	6-inch
Massachusetts Institute of Technology, Memorial Drive.....	6-inch
McConnell Co., Erie and Waverly Streets.....	8-inch
McKenzie & Thorner, 137 Main Street.....	6-inch
McLean, Isaac, 65 Mt. Auburn Street.....	4-inch
McLean, Isaac, 1137 Massachusetts Avenue.....	4-inch
Metropolitan Storage Warehouse Co., 134-142 Massachusetts Avenue.....	6-inch
Middlesex County House of Correction, Second and Spring Streets.....	6-inch
Middlesex County, Third Street.....	6-inch
Moll, Blanche A., 820 Somerville Avenue.....	6-inch
Monks Laundry, 284 Norfolk Street.....	6-inch
Morse, Estate of A. P., 585 Massachusetts Avenue.....	6-inch
Mosaic Pignat Vincenzie Co., 699 Mt. Auburn Street.....	6-inch
Myerson, Simon, 90 Hamilton Street.....	6-inch
National Biscuit Company, Franklin Street.....	4-inch
National Biscuit Company, Franklin Street.....	6-inch
National Biscuit Company, Green Street.....	8-inch
National Casket Company, 122 First Street.....	6-inch
National Casket Company, Bent Street.....	6-inch
National Company, 120 Brookline Street.....	4-inch
New England Cabinet Co., 37 Harris Street.....	6-inch
New England Confectionery Co., Cross Street.....	8-inch
*New England Confectionery Co., 254 Massachusetts Avenue.....	8-inch
New England Telephone and Telegraph Co., 10 Ware Street.....	4-inch
Newhall, C. A., 1420 Massachusetts Avenue.....	4-inch
Nichols, Annie W. H., Ames Street.....	6-inch
Nilson, Carl J., 36 Dickinson Street.....	6-inch

* Tapped for garage.

North American Chemical Co., 19 Chestnut Street.....	6-inch
North Packing and Provision Co., Windsor Street.....	6-inch
Olympia Theatre Co., Inc., 571-575 Massachusetts Avenue.....	6-inch
O'Neil, Robert H., Jr., 47 Austin Street.....	6-inch
Oppenheim, Minnie and Annie, 1217 Cambridge Street.....	6-inch
Page Box Co., George G., Hampshire Street.....	Two 6-inch
Payne & Co., F. S., 75 Richdale Avenue.....	6-inch
Payne & Co., F. S., 75 Richdale Avenue.....	6-inch
Peabody, Francis Jr., 63 Mt. Auburn Street, Claverly Hall.....	4-inch
Petterson, Oscar G., 183 Main Street.....	4-inch
Pi Eta Club, Winthrop Square.....	2-inch
Poole Piano Co., Sidney Street.....	8-inch
Porter, Henry S., Kinnaird and Soden Streets.....	4-inch
Porter, Henry S., Kinnaird and Soden Streets.....	6-inch
Preble, George E., 798 Massachusetts Avenue.....	6-inch
Prest-o-Lite Co., 541 Concord Avenue.....	6-inch
Prussian, Samuel W., 864 Main Street.....	6-inch
Radcliffe College, 8 Garden Street.....	6-inch
Reardon & Sons Corporation, John, Waverly Street.....	4-inch
Reardon, Edmund, Erie Street (garage).....	4-inch
Revere Sugar Refinery, Ninth Street.....	6-inch
Reversible Collar Co., 111 Putnam Avenue.....	6-inch
Rice & Hutchins, Inc., Lansdowne Street.....	6-inch
Riverside Boiler Works, 50 Harvard Street.....	4-inch
Riverside Boiler Works, 491-493 Main Street.....	6-inch
Rosen, Henry, 287 Prospect Street.....	6-inch
Rosenbaum, Philip, 99 Broadway.....	6-inch
Ross & Co., William F., 201 Bridge Street.....	6-inch
Russell, Estate of Joseph G., 224 Albany Street.....	6-inch
Russell, Lucy J., 29 Elm Street.....	1½-inch
Ryerson, John T., Binney Street.....	8-inch
Sacred Heart Parish, Seventh Street.....	4-inch
Sacred Heart Parish, 153-159 Thorndike Street.....	6-inch
Salvi, Peter, 590 Main Street.....	8-inch
Sawyer & Son, Howard M., Thorndike Street.....	4-inch
Sawyer & Son, Howard M., Spring Street.....	6-inch
Sawyer & Son, Howard M., Second Street.....	6-inch
Scully, Francis P., First Street.....	6-inch
Scully, Sarah P., et al., 88 First Street.....	6-inch
Sears Roebuck & Company, 1815 Massachusetts Avenue.....	6-inch
Seelye, Francis P., First Street.....	4-inch
Shapiro, Jacob, 620 Memorial Drive.....	6-inch
Sherburne, Estate of Reuben, 363 Third Street.....	6-inch
Shine, John J., 420 Green Street.....	6-inch
Simplex Wire & Cable Company, Auburn Street.....	8-inch
Simplex Wire & Cable Company, Franklin Street.....	6-inch
Simplex Wire & Cable Company, 105 Pacific Street.....	6-inch
Simplex Wire & Cable Company, 61 Pacific Street.....	6-inch
Simplex Wire & Cable Company, Pilgrim Street.....	4-inch
Simplex Wire & Cable Company, Sidney Street.....	6-inch
Southwick, Annie E., 684 Massachusetts Avenue.....	6-inch
Speare's Sons & Co., Alden, Binney Street.....	4-inch
Squire Co., J. P., 169 Gore Street.....	8-inch
Standard Diary Co., 26 Blackstone Street.....	6-inch
Standard Plate Glass Co., 270 Albany Street.....	6-inch
Standard Turning Works, Main Street.....	4-inch
Stimpson, Harry F., 193 Albany Street.....	6-inch
Stimpson, Harry F., 175 Albany Street.....	6-inch
Stimpson, Harry F., 167 Albany Street.....	6-inch
Stimpson, Harry F., 157 Albany Street.....	6-inch

Stimpson, Harry F., 12 Emily Street.....	6-inch
Stimpson, Harry F., 95 Erie Street.....	6-inch
Stimpson, Harry F., 148 Sidney Street.....	6-inch
Stimpson, Harry F., 149 Sidney Street.....	6-inch
Stimpson, Harry F., 161 Sidney Street.....	6-inch
Stimpson Investment Corporation, 185 Albany Street.....	6-inch
Stone Co., C. W., 144 Second Street.....	6-inch
Suffolk Engraving & Electrotyping Co., Main and Carleton Streets.....	6-inch
Superior Laundry Co., 633 Concord Avenue.....	6-inch
Swan, Daniel A., 61 Broadway.....	2-inch
Sweetman, George H., 282 Portland Street.....	6-inch
Tailby, Nason Co., Amherst Street.....	4-inch
Teele Soap Company, 6 Lincoln Place.....	6-inch
Thairwell Co., William C., 15 Tudor Street.....	4-inch
Thayer & Co., Henry, Sidney and Erie Streets.....	6-inch
Thompson Box Co., 62 Hampshire Street.....	6-inch
Thompson Box Co., 69 Hampshire Street.....	4-inch
Tower & Son, Sylvester, 143-145 Broadway.....	4-inch
Union Real Estate Trust, 463 Massachusetts Avenue.....	4-inch
United Carr Fastener Co., Amherst Street.....	6-inch
United Carr Fastener Co., 43 Amherst Street.....	6-inch
United Carr Fastener Co., 27 Ames Street.....	6-inch
United Carr Fastener Co., 31 Ames Street (fire curtain).....	6-inch
University Associates, Bow Street, Garage.....	6-inch
University Associates, Linden Street.....	4-inch
University Associates, 1312 Massachusetts Avenue at Harvard Square.....	6-inch
Walluck, Maxwell, 306 Webster Avenue.....	6-inch
Webster Co., F. S., 23 Amherst Street.....	6-inch
Webster Co., W. F., 222-224 Thorndike Street.....	6-inch
White, Herbert H., University Road.....	6-inch

SUPPLIES CLEANED

Year ending March 31, 1912.....	159
Year ending March 31, 1913.....	278
Year ending March 31, 1914.....	471
Year ending March 31, 1915.....	727
Year ending March 31, 1916.....	841
Year ending March 31, 1917.....	896
Year ending March 31, 1918.....	825
Year ending March 31, 1919.....	1,158
Year ending March 31, 1920.....	1,467
Year ending March 31, 1921.....	1,348
Year ending March 31, 1922.....	1,829
Year ending March 31, 1923.....	970
Year ending March 31, 1924.....	963
Year ending March 31, 1925.....	798
Year ending March 31, 1926.....	522
Year ending March 31, 1927.....	414
Year ending March 31, 1928.....	367
Year ending March 31, 1929.....	282
Year ending March 31, 1930.....	270
Year ending March 31, 1931.....	197
Nine months ending December 31, 1931.....	130
Year ending December 31, 1932.....	110
Year ending December 31, 1933.....	119
Year ending December 31, 1934.....	116
Year ending December 31, 1935.....	75
Year ending December 31, 1936.....	56
Year ending December 31, 1937.....	30
Year ending December 31, 1938.....	16
Total.....	15,434

Since 1923 a charge of \$5 has been made for each supply cleaned.

NEW SUPPLIES LAID DURING 1938

Year 1938	8 Inch	6 Inch	4 Inch	2 Inch	1½ Inch	1¼ Inch	1 Inch	¾ Inch	Total
Number of supplies, lead lined.....									
Number of supplies, cast iron.....		10	6	7	4	6	10	8	35 16
Total number of supplies.....		10	6	7	4	6	10	8	51
Length, in feet, of cast iron pipe.....		422½	263	343	102½	262	201½	280	685½ 1,189
Length, in feet, of lead lined pipe...				20					20
Length, in feet, of copper pipe.....									
Total length, in feet, of pipe....		422½	263	363	102½	262	201½	280	1,894½
Number of corporation cocks.....					1	3	8	8	20
Number of sidewalk cocks.....						1	7	10	18
Number of valves.....		2	2	9	4	4	7	7	35
Number of service boxes.....				8			1		9
Number of gates.....		11	6						17
Number of gate boxes.....		8	7						15
Number of sleeves with gates.....		7	6						13
Number of clamps with cocks.....			1	7					8

SUPPLIES RENEWED DURING 1938

Year 1938	8 Inch	6 Inch	4 Inch	2 Inch	1½ Inch	1¼ Inch	1 Inch	¾ Inch	Total
*Number of supplies, brass (none) . . .									
*Number of supplies, copper				7	3	12	42	2 74	2 138
Number of supplies, lead lined			1						1
Number of supplies, cast iron									
Total number of supplies			1	7	3	12	42	76	141
Length, in feet, of pipe, brass (none)									
Length, in feet, of pipe, copper									51
Length, in feet, of pipe, lead lined . .				162	68½	683	1,185	1,992½	4,091
Length, in feet, of pipe, cast iron . . .			44						44
Total length, in feet, of pipe			44	162	68½	683	1,185	2,043½	4,186
Number of corporation cocks						1	9	4	14
Number of sidewalk cocks				2			23	10	35
Number of valves			1	4	2	10	27	28	72
Number of gates	1	6							7
Number of gate boxes	1	6		3		9			7
Number of clamps with cocks									12

* Pipe furnished by owners.

SUPPLIES LAID DURING THE PAST TEN YEARS

YEAR	New Supplies	Total Supplies Renewed	Total Supplies	Supplies Furnished with Sidewalk Service Boxes Renewals
1928.....	302	359	661	22
1929.....	246	289	535	11
1930.....	171	316	487	92
1931.....	138	353	491	92
*1931.....	69	162	231	53
†1932.....	35	242	277	18
1933.....	40	164	204	3
1934.....	23	182	205	35
1935.....	38	318	356	20
1936.....	41	123	164	17
1937.....	61	149	210	10
1938.....	51	141	192	33

COMPARATIVE TRENCHING FOR THE PAST TEN YEARS

YEAR	MAIN PIPE		SUPPLIES		TOTAL	
	Extensions	Renewals	New	Renewals	Feet	Miles
1928.....	2,499	1,309	10,500	9,560	23,868	4.52
1929.....	6,066		8,554	7,105	21,725	4.11
1930.....	1,565		6,001	9,928	17,494	3.31
1931.....	4,340	607	5,225	9,916	20,088	3.80
*1931.....	27,327	1,058	1,939	4,296	34,620	6.55
†1932.....	2,338		1,354	5,818	9,510	1.80
1933.....	1,579	1,544	1,917	4,437	9,477	1.79
1934.....	2,045	10,518	990	5,689	19,242	3.64
1935.....	2,297½	5,892	1,610	6,762¾	16,562¼	3.136
1936.....	2,901	5,448	1,884½	4,056	14,289½	2.706
1937.....	5,396	1,417	2,642½	4,610	14,065½	2.684
1938.....	4,076½	3,614	1,894½	4,196	13,781	2.61

* For nine months ending December 31, 1931.

† Previous to March 31, 1931, the fiscal year ended March 31. Since 1931 the fiscal year ends December 31.

METERS ON PUBLIC BUILDINGS

YEAR 1938	$\frac{5}{8}$ Inch	$\frac{3}{4}$ Inch	1 Inch	$1\frac{1}{4}$ Inch	$1\frac{1}{2}$ Inch	2 Inch	3 Inch	4 Inch	Total
Federal.....	..	..	..	..	..	1	..	..	1
Hersey.....	..	2	2	..	2	2	1	..	9
Lambert.....	..	1	..	..	..	..	..	..	1
Neptune, Trident.....	3	1	3	..	1	..	..	..	8
Neptune, Crest.....	..	..	..	..	..	1	..	..	1
National, Nash.....	..	..	..	..	..	..	..	1	1
National, Crown.....	..	..	..	..	..	1	..	..	1
National, Empire.....	..	..	..	..	..	..	2	..	2
National, Gem.....	..	..	..	..	..	..	2	..	2
Watch Dog, formerly "Gamon"...	1	1	2	..	..	6	..	3	13
Worthington.....	4	2	5	5	9	9	3	3	40
Totals.....	8	7	12	5	12	20	8	7	79

FIRE SUPPLIES EQUIPPED WITH "DETECTOR" OR "PROTECTUS" METERS

Allen & Endicott Building Company, Main Street.....	6-inch on new supply
Allen & Endicott Building Company, Osborne Street.....	6-inch on new supply
Atwood & McManus, 64 Aberdeen Avenue.....	6-inch on new supply
Baker, Brownrigg K., Osborne Street (premises).....	6-inch on new supply
Barbour Stockwell Company, 25 Broadway (premises).....	6-inch on new supply
Blacker & Shepard Company, Sidney Street.....	6-inch on new supply
Blake & Knowles Steam Pump Works, Binney and Fifth Streets (premises).....	6-inch on new supply
Blanchard Machine Company, 80 State Street (premises)...	4-inch on new supply
Boston Elevated Railway Company, Massachusetts Avenue..	6-inch on new supply
Boston Elevated Railway Company, Murray Street.....	6-inch on new supply
Boston Woven Hose & Rubber Company, Hampshire Street...	6-inch on old supply
Boston Woven Hose & Rubber Company, Portland Street.....	6-inch on old supply
Boston and Maine Railroad, Bridge Street and Commercial Avenue.....	8-inch on old supply
Briggs, C. A., 418 Main Street.....	6-inch on new supply
Cambridge Paper Box Company, Broadway.....	6-inch on old supply
Cambridge Rubber Company, 748 Main Street.....	4-inch on new supply
Cutter, Wood & Sanderson, Third Street.....	6-inch on old supply
Davis, F. H., 175 Richdale Avenue.....	6-inch on new supply
Dyar Sales and Machinery Company, 62 Broadway.....	4-inch on new supply
Enterprise Moakler Company, Second Street.....	6-inch on old supply
Filene's Sons, William, 100 Main Street (premises).....	6-inch on new supply
Filene's Sons, William, Memorial Drive.....	6-inch on new supply
Ford Motor Company, Brookline Street (premises).....	6-inch on new supply
General Radio Company, 38 State Street.....	6-inch on new supply
Hammett & Company, J. L., Main and Hayward Streets (premises).....	6-inch on new supply
Harvard University, Divinity Avenue (premises).....	6-inch on new supply
Harvard University, Oxford Street (premises).....	6-inch on new supply
Harvard University, Plympton Street (Lowell Hall).....	4-inch on new supply
Harvard University, Sterling Street.....	6-inch on old supply
Harvard University, Widener Library (premises).....	3-inch on new supply
Hathaway & Sons, C. F., 15 Richdale Avenue.....	4-inch on old supply
Hathaway & Sons, C. F., 15 Richdale Avenue.....	4-inch on new supply
Houghton, H. O. (Riverside Press), 20 Blackstone Street.....	6-inch on old supply
Johnson Educator Food Co., 100 Sidney Street (premises)...	6-inch on new supply
Jordan Marsh Company, Amesbury Street (premises).....	8-inch on new supply
Kemp & Sons, Lysander, Broadway (premises).....	6-inch on new supply
*Lankofsky, Baila, 329 Elm Street.....	4-inch on new supply
Lonergan, Adeline J., 1572 Massachusetts Avenue.....	3-inch on new supply
†Lualdi, Inc., Angelo, 54 Charles Street.....	
Massachusetts Institute of Technology, Ames and Amherst Streets.....	6-inch on new supply
Massachusetts Institute of Technology, 75 Massachusetts Avenue.....	8-inch on new supply
Massachusetts Institute of Technology, Vassar Street.....	8-inch on new supply
McGoldrick, H. E., 339 Franklin Street.....	3-inch on new supply
Morey & Company, Commercial Avenue (premises).....	6-inch on new supply
The Murray Printing Co., Wadsworth Street.....	6-inch on new supply
National Casket Company, First Street.....	6-inch on new supply
New England Tel. & Tel. Co., 51 Inman Street.....	3-inch on new supply
Page & Shaw, 18-20 Ames Street (premises).....	6-inch on old supply

*Off.

†Supplied and covered by meter in Enterprise Moakler Company.

Penn Metal Company, Concord Avenue.....	6-inch on new supply
Promboin & Son, L., 449 Windsor Street (premises).....	6-inch on new supply
Radcliffe College, 8 Garden Street.....	6-inch on new supply
Reardon & Sons' Corporation, John, Waverly Street.....	8-inch on new supply
Revere Sugar Refinery, 71 Ninth Street.....	6-inch on new supply
Riverside Boiler Works, 493 Main Street (premises).....	6-inch on new supply
Russell & Company, Norfolk Street.....	6-inch on new supply
Shapiro, J., 620 Memorial Drive.....	6-inch on new supply
Squirrel Brand Nut Company, 10-12 Boardman Street.....	4-inch on new supply
Standard Oil Company, 265 Sixth Street.....	6-inch on old supply
Standard Oil Co., Fifth and Potter Streets (premises) (garage) ..	3-inch on new supply
Sterling Knit Goods Company, Stiles Street.....	6-inch on old supply
Sugarman Brothers, 541 Windsor Street.....	6-inch on new supply
United Carr Fastener Company, 31 Ames Street.....	6-inch on new supply
United Carr Fastener Company, Amherst Street.....	6-inch on new supply
University Press, Nutting Road.....	6-inch on old supply
University Press, University Road.....	6-inch on new supply
Ward Baking Company, Albany Street.....	6-inch on old supply
Wheelock Lovejoy Company, Sidney Street.....	6-inch on new supply
Whiting Milk Company, Albany Street.....	6-inch on new supply

DRINKING FOUNTAINS IN USE, 1938

There are twenty-two drinking fountains in use in Cambridge, as follows:

Banks Street, Corporal Burns Playground
 Broadway at Norfolk Street, "Jones Bubble"
 Cambridge Common
 Cambridge Field
 Cambridge Street at Third Street
 Central Square
 Fresh Pond Driveway, "Jenks Bubble"
 Harvard Square
 Huron Avenue at Cushing Street Playground, "Jenks Bubble"
 Inman Square, "Jenks Bubble"
 Kendall Square
 Massachusetts Avenue at Blake Street
 Massachusetts Avenue at Cameron Avenue
 Memorial Drive near Wadsworth Street
 Memorial Drive at Lowell Park
 Memorial Drive near Granite Street
 Mt. Auburn Street in Parkway, "Jones Bubble"
 Putnam Square
 Rindge Field
 Thorndike Field, Charles Street
 Thorndike Field, Ninth Street
 Walden and Raymond Streets, Corcoran Playground

STONY BROOK OVERFLOW

1938	Gallons Overflowed	Days Overflowed	Rainfall
January.....	467,760,000	27	4.94
February.....	307,537,000	28	3.06
March.....	422,623,000	30	5.27
April.....	256,414,000	30	3.44
May.....	238,077,000	23	4.41
June.....	387,000	1	5.74
July.....	965,926,000	30	12.12
August.....	391,770,000	30	3.35
September.....	432,248,000	17	7.15
October.....	43,135,000	13	2.56
November.....	87,360,000	10	3.31
December.....	656,946,000	31	3.15
Total overflow.....	4,270,183,000		
Number of days in which water overflowed.....		270	
Total rainfall.....			58.50

STONY BROOK OVERFLOW, ETC., FOR THE PAST FIFTY-ONE YEARS

	Gallons	No. of Days	Rainfall
1888.....	6,000,000,000	...	.....
1889.....	8,000,000,000	...	.....
1890.....	8,700,000,000	...	.....
1891.....	8,247,800,000	...	45.25
1892.....	3,688,900,000	...	39.82
1893.....	4,427,400,000	...	39.50
1894.....	2,853,000,000	...	35.79
1895.....	5,281,900,000	224	50.52
1896.....	5,704,700,000	224	50.52
1897.....	3,999,700,000	256	43.35
1898.....	5,704,600,000	260	54.03
1899.....	6,969,500,000	175	43.96
1900.....	4,447,100,000	145	51.34
1901.....	6,141,300,000	157	46.77
1902.....	6,359,100,000	182	44.58
1903.....	6,437,500,000	222	45.97
1904.....	5,726,399,000	171	41.18
1905.....	3,148,900,000	140	38.40
1906.....	3,510,700,000	170	39.16
1907.....	2,415,900,000	147	42.32
*1908.....	3,384,300,000	184	} 48.23
†1909 for 4 months.....	960,800,000	50	
‡1910.....	2,531,500,000	137	37.83
‡1911.....	57,200,000	22	31.78
‡1912.....	1,395,200,000	69	42.63
‡1913.....	2,571,200,000	132	41.22
‡1914.....	3,022,800,000	99	42.13
‡1915.....	3,477,200,000	111	34.44
‡1916.....	2,581,900,000	136	41.90
‡1917.....	4,091,800,000	141	37.11
‡1918.....	2,386,100,000	136	38.69
‡1919.....	2,186,400,000	111	41.24
‡1920.....	5,502,900,000	173	51.33
‡1921.....	5,727,600,000	217	40.52
‡1922.....	3,351,100,000	135	44.11
‡1923.....	2,981,000,000	125	50.74
‡1924.....	1,936,700,000	145	37.09
‡1925.....	2,941,900,000	113	43.27
‡1926.....	1,782,900,000	82	44.27
‡1927.....	1,834,524,000	82	39.63
‡1928.....	2,118,753,000	199	46.98
‡1929.....	2,471,275,000	180	46.28
‡1930.....	1,894,741,000	79	36.50
‡1931.....	984,313,000	53	40.82
§1931 for 9 months.....	943,665,000	79	32.20
¶1932.....	2,084,276,000	181	47.31
¶1933.....	4,799,418,000	159	47.84
1934.....	3,482,674,000	162	41.24
1935.....	3,054,610,000	142	35.93
1936.....	2,284,948,000	100	46.74
1937.....	1,784,278,000	204	44.79
1938.....	4,270,183,000	270	58.50

Since 1921, the decrease in the gallons overflow has been due to the raising of the elevation of the crests of the Stony and Hobbs Brooks waterways two feet, which provided for an additional storage for 48,000,000 gallons of water in Stony Brook and 489,000,000 gallons in Hobbs Brook that usually wasted into Charles River.

*Previous to 1908—Fiscal year ended November 30 § Fiscal year changed to December 31, 1931.
†Overflow from December 1, 1908, to March 31, 1909. ¶ January 1 to December 31.
‡Fiscal year ended March 31.

HOBBS BROOK RESERVOIRS					STONY BROOK RESERVOIR				
Lincoln Street, Basin No. 1		Winter Street, Basin No. 2			Date		Elevations		Total Monthly Rainfall
Date	Highest Elevation During Month	Lowest Elevation During Month	Total Monthly Rainfall	Date	Highest Elevation During Month	Lowest Elevation During Month	Highest Elevation During Month	Lowest Elevation During Month	
1938				1938					
Jan. 1.....	181.30	179.74	4.01	Jan. 1.....	181.30	179.74			
Jan. 31.....	181.30	181.40		Jan. 31.....	181.30	181.40	84.40	82.97	4.94
Feb. 1.....	182.85	181.40	3.97	Feb. 1.....	182.85	181.40	83.58		
Feb. 28.....	182.85	182.87		Feb. 28.....	182.85	182.87			3.06
Mar. 1.....	183.52	182.87	4.80	Mar. 1.....	183.52	182.87			
Mar. 22.....	183.52	183.40		Mar. 22.....	183.52	183.40	83.63	82.98	5.27
April 7, 8.....	183.54	183.40		April 7, 8.....	183.54	183.40	83.54		
April 12.....	183.54	183.33	3.85	April 12.....	183.54	183.33			
May 10, 11, 12.....	183.50	183.33		May 10, 11, 12.....	183.50	183.33			3.44
May 17, 18.....	183.50	183.26	3.92	May 17, 18.....	183.50	183.26	83.68	82.43	
June 26.....	183.48	183.26		June 26.....	183.48	183.26	83.05		4.41
June 30.....	183.48	183.30	5.92	June 30.....	183.48	183.30			
July 11.....	184.01	183.30		July 11.....	184.01	183.30			
July 24, 25.....	183.60	183.30	11.53	July 24, 25.....	183.60	183.30	85.57	79.20	5.74
Aug. 1.....	183.60	183.16		Aug. 1.....	183.60	183.16	83.85	82.98	
Aug. 31.....	183.60	182.89	2.64	Aug. 31.....	183.60	182.89			12.12
Sept. 12, 13.....	183.68	182.89		Sept. 12, 13.....	183.68	182.89			3.35
Sept. 21, 22.....	183.68	183.23	7.37	Sept. 21, 22.....	183.68	183.23	84.20	80.85	7.15
Oct. 23.....	183.44	183.23		Oct. 23.....	183.44	183.23	83.26		
Oct. 29.....	183.44	183.30	2.27	Oct. 29.....	183.44	183.30			2.56
Nov. 17, 18.....	183.48	183.30		Nov. 17, 18.....	183.48	183.30			
Nov. 29.....	183.62	183.41	3.11	Nov. 29.....	183.62	183.41	83.42	81.25	3.31
Dec. 12.....	183.62	183.41		Dec. 12.....	183.62	183.41	83.83		
Dec. 26.....	183.62	183.41	2.94	Dec. 26.....	183.62	183.41			3.15
Total rainfall....			56.33						58.50

FINANCIAL STATEMENT OF WATER DEPARTMENT

January 1, 1938 to December 31, 1938

EXPENDED

General Maintenance Account

A. Personal Service

1. Permanent employees

Labor	\$98,722 36
Superintendent	5,000 00
Clerks	14,412 00
Inspectors	23,640 00

\$141,774 36

2. Temporary employees

\$2,983 75

2,983 75

B. Service Other Than Personal

1. Printing and binding	\$77 50
2. Postage	827 19
3. Advertising and posting	27 00
4. Transportation of persons	200 00
5. Cartage and freight	14 46
6. Hire of teams and auto trucks	100 00
8. Light and power	230 37
9. Lighting reservations	36 90
10. Rent, taxes, water	3,497 34
12. Premium on surety bond	30 00
13. Communication	555 74
14. Motor vehicles, repairs and care	56 65
22. Medical	154 50
35. Fees	28 00
39. Service not otherwise coded	99 16
44. Travel outside of State	150 00

6,084 81

C. Equipment

9. Office	\$18 95
13. Tools and instruments	426 45
16. Wearing apparel	24 85
17. Equipment not otherwise coded	336 89

807 14

D. Supplies

1. Office	\$896 44
2. Food and ice	8 00
3. Fuel	250 00
5. Medical, surgical, laboratory	4 92
8. Laundry, cleaning	30 25
11. Gasoline and oil for motor vehicles	1,659 86
13. Chemicals and disinfectants	118 18
16. Supplies not otherwise coded	908 13
17. Motor vehicle parts	942 04

4,817 82

E. Materials		
6. Water.....	\$18,984 87	
13. Materials not otherwise coded.....	499 57	
	<hr/>	\$19,484 44
F. Special Items		
4. Pitometer survey.....	\$2,385 00	
5. Hurricane Damage.....	2,233 13	
7. Pensions.....	18,226 20	
12. Repairing pavements.....	1,332 03	
13. Retirement system.....	2,843 53	
14. Inspection.....	254 00	
	<hr/>	27,273 89
Total.....		\$203,226 21
Maturing debt, serial loans.....	\$58,500 00	
Interest on debt.....	29,442 50	87,942 50
	<hr/>	<hr/>
Total Maintenance General Expenses.....		\$291,168 71

Pumping Account

A. Personal Service		
1. Permanent employees.....	\$29,899 56	
2. Temporary employees.....	537 03	
3. Unloading coal.....	420 00	
	<hr/>	\$30,856 59
B. Service Other Than Personal		
5. Cartage and freight.....	\$1 43	
8. Light and power.....	576 93	
13. Communication.....	58 96	
22. Medical.....	10 00	
39. Service not otherwise coded.....	325 69	
	<hr/>	973 01
C. Equipment		
13. Tools and instruments.....	\$52 76	
17. Equipment not otherwise coded.....	116 15	
	<hr/>	168 91
D. Supplies		
2. Food and ice.....	58 32	
3. Fuel.....	17,835 20	
8. Laundry, cleaning.....	31 80	
13. Chemicals and disinfectants.....	43 40	
16. Supplies not otherwise coded.....	2,873 04	
	<hr/>	20,841 76
E. Materials		
13. Materials not otherwise coded.....	265 63	265 63
	<hr/>	<hr/>
Total Expenses for Pumping.....		\$53,105 90

Reservoirs Account

A. Personal Service		
1. Permanent employees	\$35,909 50	
2. Temporary employees	3,597 50	
	<hr/>	\$39,507 00
B. Service Other Than Personal		
3. Advertising and posting	\$8 00	
4. Transportation of persons	125 00	
5. Cartage and freight	29	
6. Hire of teams and auto trucks	150 00	
8. Light and power	21 84	
10. Rent, taxes, water	47 56	
13. Communication	161 13	
18. Cleaning, vaults, etc.	1,638 67	
35. Fees	4 00	
39. Service not otherwise coded	22 25	
	<hr/>	2,178 74
C. Equipment		
13. Tools and instruments	\$72 00	
17. Equipment not otherwise coded	177 01	
	<hr/>	249 01
D. Supplies		
3. Fuel	\$50 50	
11. Motor vehicle, gasoline and oil	214 01	
16. Supplies not otherwise coded	116 15	
17. Motor vehicle, parts	124 64	
	<hr/>	505 30
E. Materials		
13. Materials not otherwise coded	\$496 04	
	<hr/>	496 04
F. Special Items		
6. W.P.A. Project No. 465-14-2-31	\$679 26	
9. W.P.A. Project No. 65-14-7337	2,675 92	
10. Police protection fund, Fresh Pond	968 10	
11. Workingmen's compensation	69 43	
	<hr/>	4,392 71
Total Expenses for Reservoirs		<hr/> \$47,328 80

Filtration Account

A. Personal Service		
1. Permanent employees	\$23,567 21	
	<hr/>	\$23,567 21

B. Service Other Than Personal

5. Cartage and freight	\$1 99	
8. Light and power	6,573 19	
13. Communication	71 11	
22. Medical	33 85	
39. Service not otherwise coded	37 40	
	<hr/>	6,717 54

C. Equipment

13. Tools and instruments	\$13 30	
17. Equipment not otherwise coded	77 90	
	<hr/>	91 20

D. Supplies

1. Office	\$17 95	
3. Fuel	1,466 75	
5. Medical, surgical, laboratory	114 66	
8. Laundry, cleaning	12 51	
13. Chemicals and disinfectants	14,940 82	
14. Marine	178 50	
16. Supplies not otherwise coded	499 82	
	<hr/>	17,231 01

E. Materials

13. Materials not otherwise coded	\$38 82	38 92
	<hr/>	<hr/>

Total Expenses for Filtration		\$47,645 88
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Construction Account

Laying Water Mains

W.P.A. Project No. 465-14-2-968	\$19,997 69
W.P.A. Project No. 665-14-2-308	1,727 34
W.P.A. Project No. 465-14-2-866	6,713 36
W.P.A. Project No. 165-14-1887	4,333 48
W.P.A. Project No. 165-14-1887	172 93
	<hr/>

Total Construction Expenses	\$32,944 80
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EXPENDED

JANUARY 1, 1938 TO DECEMBER 31, 1938

	General Maintenance Account	Pumping Account	Reservoirs Account	Filtration Account
A.....	\$144,758 11	\$30,856 59	\$39,507 00	\$23,567 21
B.....	6,084 81	973 01	2,178 74	6,717 54
C.....	807 14	168 91	249 01	91 20
D.....	4,817 82	20,841 76	505 30	17,231 01
E.....	19,484 44	265 63	496 04	38 92
F.....	27,273 89	.....	4,392 71	.....
	<hr/>	<hr/>	<hr/>	<hr/>
	\$203,226 21	\$53,105 90	\$47,328 80	\$47,645 88

Add

Maturing debt serial loan	58,500 00
Interest on debt	29,442 50

Total..... \$291,168 71

EXPENDED IN 1938

Total expenditures

General Maintenance	\$291,168 71
Pumping	53,105 90
Reservoirs	47,328 80
Filtration	47,645 88

Total expenditures on Maintenance Accounts \$439,249 29

Expended, Construction Account

Laying water mains.....	\$32,944 80
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Deduct

Maturing debt serial loan	\$58,500 00
Interest on debt	29,442 50
Received from new supplies, renewing supplies, and cleaning supplies.....	10,356 96
	<hr/>
	98,299 46

Leaving for operating expenses..... \$340,949 83

Cost per million gallons (4,263,328,800)

Based on General Maintenance expenses (\$291,168 71)	\$68 29
Based on Pumping expenses (\$53,105 90)	12 45
Based on Filtration expenses (\$47,645 88)	11 17
Based on total operating expenses (\$340,949 83)	79 97
Based on total expenses (\$439,249 29)	103 029

INVENTORY OF PROPERTY OWNED BY THE WATER DEPARTMENT

DECEMBER 31, 1938

Adams Street, land.....	\$11,400 00	
Auburn Street		
Land.....	15,500 00	
Buildings.....	16,800 00	
Stock and tools.....	20,000 00	
Auto equipment.....	10,000 00	
Concord Avenue		
Land.....	\$32,310 00	
Buildings.....	4,000 00	
Tools, etc.....	800 00	
Cushing Street.....	\$20,500 00	
Fresh Pond Lane.....	89,100 00	
Grove Street Rear.....	9,500 00	
Huron Avenue.....	6,500 00	
Kingsley Park.....	8,000 00	
Lake View Avenue.....	20,000 00	
Lexington Avenue, buildings.....	10,000 00	
Massachusetts Avenue, City Hall, Office.....	\$1,000 00	
Vassal Lane.....	900 00	
Worthington Street		
Land.....	\$20,200 00	
Buildings.....	115,000 00	
Pumps.....	270,000 00	
Boilers.....	55,000 00	
East Side House.....	5,000 00	
Woodlawn Avenue.....	\$15,500 00	
Blanchard Road.....	100 00	
Blanchard Road.....	100 00	
Fitchburg Railroad.....	100 00	
		\$757,310 00
Main pipe, hydrants, gates, etc.....		\$5,565,924 00
63" conduit.....		654,139 00
Stony Brook conduit.....		300,000 00
Filtration plant and equipment.....		1,050,774 00
Payson Park pipe line and reservoir.....		322,793 00
Stony Brook reservation.....		722,093 00
Stony Brook gate house.....		775 00
Hobbs Brook reservation.....		1,187,196 00
Fresh Pond.....		584,491 00
Conduits Broad Canal.....		22,336 00
		\$11,167,831 00

3,500 feet of 10-inch cast-iron pipe has been laid on Memorial Drive from Massachusetts Avenue to Amesbury Street as a WPA project at an expense to the Water Department of \$6,500.

1,200 feet of 8-inch pipe has been laid on Memorial Drive from Ames Street to Wadsworth Street as a WPA project at an expense to the Water Department of \$2,000.

WPA project for the extension of water pipe from Rindge Avenue to Concord Turnpike has been completed with the laying of 2,863 feet of 6-inch pipe, with hydrants and accessories, at a cost to the Water Department of \$4,500.

A defective section of the 40-inch steel force main in the Fresh Pond area was removed, and 1,000 feet of 40-inch steel welded pipe laid at an expense to the Water Department of \$20,000, labor provided on WPA project.

The Federal Government allowed the sum of \$16,000 for improvements at Hobbs Brook for deepening of stream in the town of Lincoln, construction of small foot bridges, rip-rapping, and the planting of approximately 5,000 pine trees. This work has been completed.

The Federal Government allowed the sum of \$5,487 for the construction of leaching cesspools in the towns of Weston and Lincoln. The work was completed in August, 1938, and shows satisfactory results.

On July 26, 1938, the City Council accepted the "provisions of Section 76A to 76E inclusive of Chapter 92 of the General Laws of Massachusetts, Tercentenary Edition, setting forth the authority of the Metropolitan District Commission to permit cities bordering on the Charles River Basin to use and sell water of the Charles River for certain purposes specifically including use for fire prevention and cooling and condensing." Under this act the Water Board granted the first permit to Lever Brothers for the use of Charles River water for air-conditioning purposes in new building on Memorial Drive.

The hurricane of September 21 caused damages amounting to several thousand dollars. A section of road around Fresh Pond was washed away, together with six hundred feet of fence; a portion of the roof at Pumping Station was blown away, while the roof and chimneys on the keeper's house on Concord Avenue were demolished. At Hobbs Brook, chimneys collapsed, wrecking roof, and all windows and frames were blown away; in the Fresh Pond

Reservation, Pumping Station Reservation, and the entire Hobbs Brook area, approximately six thousand trees were ruined. Temporary employees were immediately put to work clearing the debris blocking our highway and interfering with the proper electrical operation of the Pump and Purification Works. WPA project, providing for the cutting up of fallen trees and burying of stumps, is now in progress. The Supervisor states that provision must be made for burying approximately three thousand stumps, and it will be necessary to request the Federal Authorities to grant additional WPA funds for this work. The City Council appropriated the sum of \$2,250 to purchase materials for repairing damage at the various properties.

In October, the City Council appropriated the sum of \$8,500 for completion of the Pitometer Survey, and work is progressing satisfactorily. We expect to have same finished before April 1, 1939.

A restraining order against Louis W. Dean, who conducts a piggery in the town of Lincoln causing pollution of water entering Stony Brook, has been issued by the Massachusetts Department of Public Health, and on appeal from Mr. Dean, the case is now pending before a Master.

The following mains have been laid during the year:

	<i>Feet</i>	<i>Inches</i>
Drummond Place.....	145	4
Oxford Avenue.....	94	6
Revere Place.....	241	6
Rindge Avenue Extension to Concord Turnpike.....	2,863	6
Memorial Drive, Ames to Wadsworth Street.....	972	8
Memorial Drive, Amesbury to Massachusetts Avenue.....	3,475	10
Fresh Pond, Payson Park Line (steel pipe).....	1,000	40
Total.....	8,790	

DR. GEORGE F. McINNES, *Chairman*
HENRY L. SKELLEY
THOMAS H. O'HARA
TIMOTHY F. McCARTHY
JOHN J. FOLEY

Cambridge Water Board.

The following former employees, pensioned, have passed away: Thomas Watson, employed since 1916, pensioned in 1935 and died November 13, 1938; Silas Darling, employed since 1907, pensioned in 1928 and died May 16, 1938. The following active employees passed away during the year 1938: Thomas J. Noonan, employed since 1923, died December 2, 1938; William Lillis, employed since 1925, died March 21, 1938. All these men in the past have rendered faithful service to the Department.

TIMOTHY W. GOOD,
General Superintendent.

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT

OF THE

BOARD OF HEALTH

For the Year Ending December 31, 1938



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

ORGANIZATION OF HEALTH DEPARTMENT

BOARD OF HEALTH

DAVID J. NELLIGAN, *Chairman*

JOHN J. HENDERSON

LEO T. MYLES, M.D.

Agent and Clerk

JOHN D. CROWLEY

Medical Inspector

SIMON B. KELLEHER, M.D.

Office

MARGARET C. FITZGERALD

CATHERINE J. DONOVAN

HELEN C. MORAN

Social Worker

C. ISABEL TORNEY

Bacteriologist and Inspector of Milk

ROBERT E. BEMIS, Ph.C.

Laboratory Assistants

Collector of Cultures

WARREN G. MURPHY

Collector of Samples

THOMAS J. COLLINS

Inspectors of Food and Provisions

JOSEPH L. JOHNSON

JOSEPH P. MURPHY

RICHARD J. NIXON

Inspectors of Slaughtering

DAVID L. BOLGER, D.V.S.

JOSEPH L. JOHNSON

JOSEPH P. MURPHY

Housing and Plumbing Inspector

AUGUSTINE M. JOHNSON

Sanitary Inspectors

EUGENE P. CALLAHAN

WILLIAM J. HALEY

DANIEL J. MURPHY

JOSEPH H. C. SAMPSON

School Physicians

FRANCIS T. DOWNEY, M.D.

SAMUEL E. CHALFEN, M.D.

MORRIS L. DRESSLER, M.D.

MYER MARLIN, M.D.

CHARLES M. HUTCHINGSO, M.D.

JOHN P. NELLIGAN, M.D.

DALTON C. O'BRIEN, M.D.

THOMAS J. CAHILL, M.D.

JOHN F. FAIR, M.D.

GEORGE A. WHITE, M.D.

FRANCIS J. BARNES, M.D.

JOSEPH M. WADDEN, M.D.

JEREMIAH A. GREENE, M.D.

JEREMIAH J. BOYLE, M.D.

School Nurses

MARY C. CHURCH, R.N., *Chief*

CATHERINE M. BURKE, R.N.
 BEATRICE E. HAYDEN, R.N.
 ELIZABETH HAYDEN, R.N.
 ANNA M. DUNDON, R.N.
 MILDRED C. DOHERTY, R.N.
 LILLIAN MAHONEY, R.N.

MARY C. O'NEILL, R.N.*
 MARGARET McINERNEY, R.N.
 ELIZABETH SULLIVAN, R.N.
 DOROTHY M. KENNEDY, R.N.*
 HELEN F. O'ROURKE, R.N.
 MADELINE C. RELLIS, R.N.

DENTAL CLINICS

EMILY M. LUCK, D.M.D., *Supervisor*

Dentists

MATTHEW F. SHEA, D.M.D.
 WALTER L. CRONIN, D.M.D.
 WILLIAM H. MORAN, D.M.D.
 GEORGE A. WHITE, D.M.D.
 JOHN L. McCARTHY, D.M.D.
 HERBERT L. SMOLAR, D.M.D.
 EDWARD ROSENBERG, D.M.D.
 JULIAN B. DOHERTY, D.M.D.

Assistants

HELEN ROACH
 ALICE S. LOGAN
 AGNES McCORMACK
 GRACE F. MANSFIELD
 KATHLEEN CASSIDY§
 GERTRUDE DuBOIS
 JOSEPHINE P. MOONEY
 JOAN KEANE

DIPHTHERIA IMMUNIZATION CLINICS

GEORGE A. WHITE, M.D.

KATHERINE McGRATH, R.N.

BABY CLINICS

Physicians†

SAMUEL E. CHALFEN, M.D.
 SAMUEL A. CLEMENT, M.D.
 ALBERT POIRIER, M.D.
 ALEXANDER MAHLOWITZ, M.D.
 MYER MARLIN, M.D.

PHILIP SHEA, M.D.
 MAURICE S. DUCHIN, M.D.
 JACOB L. RUDD, M.D.
 HAROLD RUDY, M.D.
 JACOB FACTOR, M.D.

Nurses

BRIDGET A. HEANUE, R.N.
 MARY A. MacDONALD, R.N.

AGNES C. TOOLE, R.N.
 MARGARET M. GIBSON, R.N.

COMMUNICABLE DISEASE NURSES

LENORE MULQUEENY, R.N.

MARY A. KENNEY, R.N.

TUBERCULOSIS DISPENSARY

(14 Camelia Avenue)

PATRICK J. FLEMING, M.D., *Physician*

HELEN C. CUMMINGS, R.N.

MARGARET N. H. McGRATH, R.N.

TUBERCULOSIS HOSPITAL

(799 Concord Avenue)

MARGARET H. CONLON, R.N., *Superintendent‡*HELEN A. GRIFFIN, R.N., *Superintendent*FELIX F. McGIRR, M.D., *Physician*

*Resigned. †Gratis. ‡Deceased. §Leave.

REPORT OF THE BOARD OF HEALTH

Cambridge, January 31, 1939.

To the Honorable City Council:

Submitting herewith the sixty-second annual report of the Board of Health of the City of Cambridge which is for the year ending December 31, 1938.

The personnel of the Department, receipts and disbursements, statistics and summaries of the divisional reports are shown in detail. During the year the Board of Health held twelve regular monthly meetings and fifteen special meetings.

In discussing public health it is tempting to dwell upon past accomplishments and so it is pleasant to point with pride to the lowest general death rate in our history; to the second lowest tuberculosis death rate; to the lowest infant mortality rate on our records (now under 40 per 1,000 live births); to an increase in the birth rate over last year. Similar satisfaction could be taken in the low level of death rates from all preventable diseases. Such rates, however, are based upon past records and compared with rates of earlier days. If medical science were static, past records would be a useful yardstick, but since medical science is not static and each year brings additions to scientific knowledge, it is possible for us to do more than was previously possible in the prevention of disease. Public health is a dynamic science and the horizon of knowledge is being extended from year to year. Slowly but surely we are shortening the lag between "what we know and what we do." Public health education is a vital factor in this accomplishment.

During the year the Department lost the services of Margaret H. Conlon, R.N., Superintendent of the Tuberculosis Hospital, who died March 29, 1938, after having served at the hospital since November 5, 1923. Helen A. Griffin, R.N., who was Miss Conlon's assistant since September 1, 1936, succeeded her. Mary Barry, R.N., was appointed Assistant Superintendent and Supervisor of Nurses at the hospital April 5, 1938. Dr. Thomas J. Cahill, who has been a School Physician since May 1936, died

July 4, 1938 and was succeeded by Dr. Dalton C. O'Brien, who was assigned to posture corrective work. Mary C. O'Neil, R.N., and Dorothy Kennedy, R.N., School Nurses, resigned and were succeeded by Lillian Mahoney, R.N., and Madeline Rellis, R.N. Richard Nixon was employed as an additional Food Inspector in August.

Our Department continues its coöperation with the State Department of Public Health in the State-wide tuberculosis prevention program among school children wherein all high school students are tuberculin tested, X-rayed physically examined every three years, with examinations at Latin School one year, Rindge the next year and the Parochial High Schools the next year. The findings in our city are consistently better than the average for the State, but our percentage of parental consents should be improved considerably if we are to obtain maximum benefits.

Our compilation of vital statistics for 1938 reveals we had 1,381 deaths, giving a general death rate of 11.39 compared with 12.02 for 1937 and 11.83 for 1928, but our "corrected" death rate (Cambridge residents only) was only 10.57 (lowest in our history) compared with 11.35 in 1937 and 11.43 in 1928. The general birth rate here for 1938 was 18.34, showing an increase over 18.02 for 1937 and a marked decrease from 1928 when it was 22.44. There were only 48 stillbirths in 1938 compared with 58 in 1937 and 75 in 1928.

Our infant mortality reached an all time low mark in 1938 with only 37.8 per 1,000 live births compared with 53.5 in 1937 and 54 in 1928. Our previous lowest was 45.6 in 1934. Our maternal mortality in 1938 was 4.5 compared with 4.1 in 1937 and 5.7 in 1928.

The major causes of death in 1938 were as follows: heart 275; cancer 186; pneumonia 158; cerebral hemorrhage 152; arteriosclerosis 127; pulmonary tuberculosis 45; diabetes 39; chronic nephritis 35. These eight leading causes of death total 1,017 or 73.6 per cent of all deaths in the city. Heart disease continues to lead as a cause of death, cancer continuing in second place, with pneumonia, cerebral hemorrhage and arteriosclerosis following in order, but again pulmonary tuberculosis leads diabetes in sixth place and chronic nephritis is eighth. Thirty-five (35) per cent of all deaths were persons over seventy (70) years of age, com-

pared with only 28 per cent in 1929. We had 23 auto deaths in 1938 and 20 deaths from alcoholism as well as 17 suicides.

We had six cases of diphtheria reported in 1938, making a total of only 14 cases and one death from this disease during the past four years, compared with 246 cases and five deaths in 1929. Our pulmonary tuberculosis death rate was the second lowest in the history of our city (1937 was lowest), both for deaths within the city regardless of residence (37.13) as well as for Cambridge residents who died within and without the city (43.73).

Our Tuberculosis Hospital had an average of 59 patients per day, with a total of 21,525 patient days, at a total operating cost of \$65,179.42 or \$3.03 per patient per day. Our revenue for the care of persons at the hospital was only \$18,601.21, the State Subsidy having been discontinued in 1932 because our hospital does not meet the requirements of the State Department of Public Health. Mayor Lyons has obtained Federal (PWA) funds for an additional unit, which with renovations and equipment of latest model, plus the personnel prescribed by the State Department, will bring our hospital up to first class standard and will result in substantial increase in revenue and State Subsidy. It is expected that additions, renovation and equipment will be completed and operating by September 1, 1939.

The Board of Health hereby expresses its appreciation of the splendid coöperation and assistance given by the Mayor, City Council, and other city officials, the private health and welfare agencies, and all others who have contributed in preserving our high standard of public health in Cambridge.

DAVID J. NELLIGAN, *Chairman*,
LEO T. MYLES, M.D.
JOHN J. HENDERSON.

EXPENDITURES

EXPENDED FOR SALARIES

January 1–December 31, 1938

Medical inspector.....	\$3,500 00	
Clerk and agent	3,450 00	
Social worker	1,900 00	
Stenographers and clerks (3)	4,883 00	
Inspectors of provisions (3)	6,000 00	
Sanitary inspectors (4)	7,836 67	
Plumbing and housing inspector.....	2,700 00	
School nurses (11)	18,186 77	
School physicians (12)	4,948 21	
Infant welfare nurses (4)	6,500 00	
Contagious disease nurses (2)	3,367 40	
Inspector of slaughtering	2,080 00	
Dispensary physician, tuberculosis	800 00	
Dispensary nurses, tuberculosis (2)	3,400 00	
Physician, Schick clinics	1,500 00	
Nurse, Schick clinics	1,700 00	
		\$72,752 05

EXPENDED FOR GENERAL EXPENSES

January 1–December 31, 1938

(A) Board and care:		
Scarlet fever	\$14,541 00	
Tuberculosis (State sanatoria)	9,220 50	
Tuberculosis (X-rays)	1,153 00	
Tuberculosis (Corey Hill Hospital)	331 29	
Anti-rabic treatment and serum	219 75	
Diphtheria	258 00	
Whooping cough	102 00	
Measles	19 00	
Suppurative conjunctivitis	394 03	
		\$26,238 57
(B) Reimbursement of other cities and towns:		
Tuberculosis	\$565 20	
Scarlet fever	333 60	
Lobar pneumonia	357 70	
		\$1,256 50
Printing and binding	\$117 00	
Postage	267 58	
Transportation of persons	750 00	
Communication (telephone)	173 43	
Motor vehicle repairs and care	21 45	
Care of persons (see A, B)	27,459 07	
Motor vehicle parts	116 32	
Fees (services of venires, etc.)	19 50	
Office supplies	361 34	
Schick supplies	51 20	
School inspection	84 50	
Infant welfare	67 38	
Tuberculosis dispensary	117 26	
Services not otherwise coded	20 00	
Motor vehicle (gas and oil)	150 47	

Examination of school children.....	\$4,418 00	
Eyeglasses (needy school children).....	1,118 34	
Cartage and freight.....	35	
Rent, taxes and water.....	48 00	
Automobile (new).....	824 09	
Supplies not otherwise coded.....	4 20	
	<hr/>	\$36,285 48

EXPENDED FOR TUBERCULOSIS HOSPITAL

January 1-December 31, 1938

Salaries.

Superintendent.....	\$1,700 00	
Physician.....	1,600 00	
Interne.....	427 42	
Supervisor of nurses.....	1,179 86	
Nurses (10).....	7,192 58	
Cook.....	1,062 86	
Assistant cook*.....	368 57	
Chef†.....	785 71	
Occupational Therapist†.....	350 00	
Dietitian§.....	130 33	
Dishwashers (4).....	2,093 00	
Laundress.....	662 50	
Launderer.....	742 00	
Maids (3).....	2,598 22	
Scrubwoman.....	662 50	
Scrubman.....	662 50	
Engineer.....	2,454 50	
Firemen (3).....	6,202 58	
Caretaker.....	780 00	
Choremen (2).....	1,441 43	
	<hr/>	\$33,096 56

Vacation substitutes (including other substitute service)... \$989 00

Postage.....	\$35 00	
Cartage and freight.....	11 34	
Light and power.....	155 21	
Communication.....	177 86	
Boiler inspection.....	20 00	
Service not otherwise coded.....	542 00	
Sanitary equipment.....	22 90	
Office supplies.....	32 15	
Food and ice.....	19,214 11	
Fuel.....	4,920 65	
Medical, surgical and laboratory supplies.....	1,544 34	
Laundry and cleaning.....	567 13	
Chemical and disinfectants.....	29 50	
Bedding and linen.....	925 39	
Engine and fireroom supplies.....	574 26	
Occupational therapy.....	373 26	
Furniture and fittings.....	1,042 50	
Tools and instruments.....	39 50	
Supplies not otherwise coded.....	540 58	
	<hr/>	\$30,768 14

* Discontinued June 15, 1938. † Began May 6, 1938. ‡ Began May 26, 1938.

§ Began November 15, 1938.

EXPENDED FOR LABORATORY

January 1-December 31, 1938

Salaries:			
Technician.....	\$3,000 00		
Collector of samples.....	2,350 00		
Collector of cultures and laboratory assistant.....	1,750 00		
			\$7,100 00
Vacation substitute (Bacteriologist).....			\$35 00
Motor vehicles, repair and care.....	\$15 10		
Fees, services of venires, etc.....	2 00		
Office supplies.....	49 00		
Medical, surgical, laboratory.....	143 03		
Motor vehicle, gasoline and oil.....	54 84		
Motor vehicle parts.....	47 67		
Postage.....	10 00		
Transportation of persons.....	10 00		
			\$331 64

EXPENDED FOR DENTAL CLINICS

January 1-December 31, 1938

Salaries:			
Dentists.....	\$11,800 00		
Assistants.....	3,380 00		
			\$15,180 00
Office supplies.....	\$16 00		
Medical, surgical, laboratory.....	595 72		
Cartage and freight.....	32		
Medical, surgical and laboratory equipment.....	42 30		
Change of location (removal and renovation).....	200 00		
Services not otherwise coded.....	28 00		
			\$882 34

BOARD OF HEALTH RECEIPTS

January 1-December 31, 1938

Contagious diseases (including all but tuberculosis):			
State.....	\$4,180 64		
Cities and towns.....	2,091 00		
Individuals.....	57 00		
Middlesex County Commissioners (dog bite).....	125 00		
Essex County Commissioners (dog bite).....	35 00		
			\$6,488 64

TUBERCULOSIS

State.....	\$15,876 50		
Cities and towns.....	2,349 00		
Individuals.....	115 00		
Subsidy.....	260 71		
			\$18,601 21

LICENSES

Alcohol (denatured).....	\$29 00		
Barber shops.....	168 00		
Beverages (manufacturing).....	100 00		
Garbage, grease, bones.....	162 00		
Manure.....	2 00		
Massage (practice).....	28 00		
Vapor baths.....	5 00		
			\$503 00
Milk (dealers and stores).....	\$469 00		
Oleomargarine.....	53 00		
Ice cream manufacturers.....	524 50		
Pasteurization of milk.....	30 00		
			\$1,076 50
Dental clinic (registration fee).....			\$487 80

VITAL STATISTICS

DEATH RATE PER 1,000 LIVING FOR ALL CAUSES
POPULATION 121,176 JULY 1, 1938

1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
11.19	11.86	11.93	12.09	12.23	11.67	12.03	12.02	12.02	11.39
10.89	11.20	11.04	11.30	11.70	11.54	11.63	11.49	11.35	10.57

The upper row gives the death rate of all deaths in Cambridge; that is, it includes the non-residents that died in the city, but excludes Cambridge residents who died outside the city. The lower row of rates includes Cambridge residents who died outside the city, and excludes non-residents who died in Cambridge.

The figures given for population are estimated by the method adopted by the Bureau of Census. The mean annual death rate for ten years, 1929 to 1938 inclusive, is 11.84. This includes non-residents who died in the city. The mean annual death rate, excluding non-residents, but including Cambridge residents who died outside the city, is 11.27.

Table A gives causes of deaths by ages, in accordance with the International Classification of Causes of Deaths, of those persons who died in Cambridge, and includes non-residents.

Table B gives number of cases reported, the morbidity per 100,000 living, death rate per 100,000 living, including residents who died outside the city, and death rate per 100 cases reported of diphtheria, scarlet fever and typhoid fever for the years 1929 to 1938, inclusive.

Table C gives the death rate per 100,000 living for cancer, diarrheal diseases, whooping cough, heart disease, pneumonia, and tuberculosis, for the years 1929 to 1938, inclusive. In this table the upper part is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents in Cambridge are excluded. The lower number is derived from the actual number of deaths in the city and includes non-residents but excludes Cambridge residents who died outside of Cambridge.

Table D gives the morbidity reports by weeks.

Table E gives the morbidity reports by month and by ward.

Table F gives morbidity distribution by diseases, sex, and age group.

Table G gives morbidity, population and area, by ward, for entire year.

Table H gives mortality (all causes) by months and by ward.

Table I gives diphtheria morbidity, by months, for a decade.

DEATH RATES PER 100,000 POPULATION (1900-1938)
(INFANT MORTALITY PER 1,000 BIRTHS)

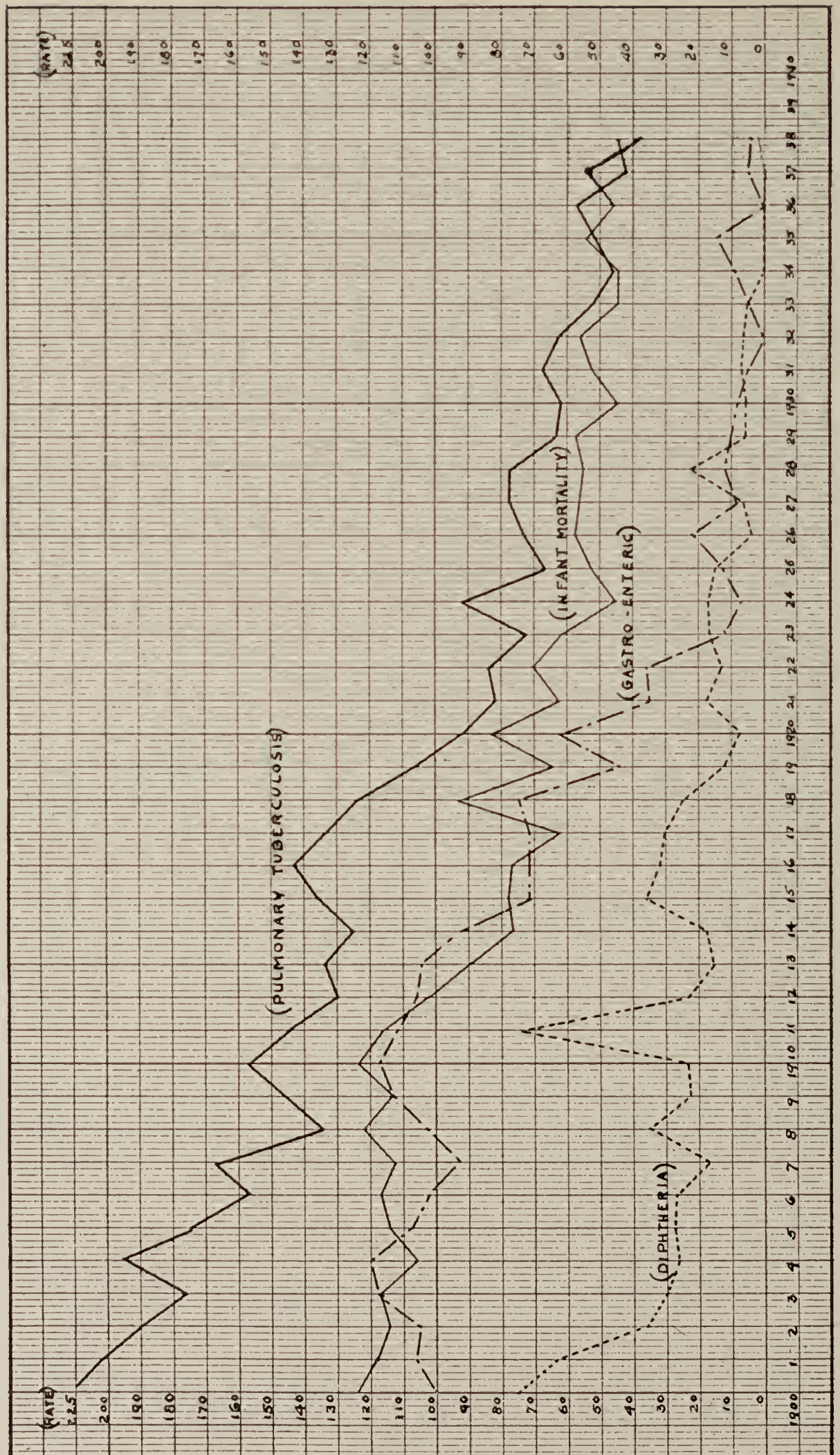


TABLE A — Continued

CAUSES OF DEATH		Under 1		1 to 2		2 to 3		3 to 4		4 to 5		Total Under 5		5 to 9		10 to 14		15 to 19		20 to 29		30 to 39		40 to 49		50 to 59		60 to 69		70 to 79		80 to 89		90 and Over		Total 5 and Over		Total			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
II. Cancers and Other Tumors																																									
45.	Cancer and other malignant tumors of the buccal cavity and pharynx.....
46.	Cancer and other malignant tumors of the digestive tract and peritoneum
47.	Cancer and other malignant tumors of the respiratory system.....
48.	Cancer and other malignant tumors of the uterus.....
49.	Cancer and other malignant tumors of other female genital organs.....
50.	Cancer and other malignant tumors of the breast.....
51.	Cancer and other malignant tumors of the male genitourinary organs
52.	Cancer and other malignant tumors of the skin
53.	Cancer and other malignant tumors of other or unspecified organs.....
54.	Nonmalignant tumors:
	(a) Nonmalignant tumors of the ovary....
	(b) Nonmalignant tumors of the uterus....
	(c) Nonmalignant tumors of other female genital organs
	(d) Nonmalignant tumors of the brain....
	(e) Nonmalignant tumors of other organs....
55.	Tumors of which the nature is not specified:
	(a) Tumors of the ovary (nature unspecified)
	(b) Tumors of the uterus (nature unspecified)
	(c) Tumors of other female genital organs (nature unspecified).....
	(d) Tumors of the brain (nature unspecified)
	(e) Tumors of other organs (nature unspecified)

CAUSES OF DEATH

[illegible]

[illegible]

TABLE A—Concluded

CAUSES OF DEATH	Under 1		1 to 2		2 to 3		3 to 4		4 to 5		Total 5		5 to 9		10 to 14		15 to 19		20 to 29		30 to 39		40 to 49		50 to 59		60 to 69		70 to 79		80 to 89		90 and Over		Total 5 and Over		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
XVII. Violent and Accidental Deaths (Continued)																																						
180. Conflagration.....																																						
181. Accidental burns (conflagration excepted).....																																						
182. Accidental mechanical suffocation.....	1										1																											
183. Accidental drowning.....													1																									
184. Accidental traumatism by firearms (wounds of war excepted).....																																						
185. Accidental traumatism by cutting or piercing instruments (wounds of war excepted).....																																						
186. Accidental traumatism by fall, crushing, landslide: (a) Accidental traumatism by fall..... (b) Accidental traumatism by crushing, landslide.....																																						
187. Cataclysm (all deaths attributed to a cataclysm, regardless of their nature).....																																						
188. Injuries by animals.....																																						
189. Hunger and thirst.....																																						
190. Excessive cold.....																																						
191. Excessive heat.....																																						
192. Lightning.....																																						
193. Accidents due to electric currents.....																																						
194. Other accidents: (a) Foreign bodies..... (b) Others under this title.....	1										1																											
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown.....																																						
196. Wounds of war.....																																						
197. Execution of civilians by belligerent armies.....																																						
198. Legal executions.....																																						
XVIII. Ill-defined Causes of Death																																						
199. Sudden death.....																																						
200. Cause of death not specified or ill-defined: (a) Ill-defined..... (b) Not specified or unknown.....																																						
201-214. Accidents.....																																						
207-M Railroad accident.....																																						
209. Elevated Railway.....																																						
210. Automobile accidents.....																																						
TOTALS.....	43	41	5	2	1	1	3	0	1	2	5	4	3	23	1	10	6	23	21	38	33	68	56	130	87	154	160	145	173	63	81	5	18	643	639	1381		
Stillbirths.....											24																										48	

Total Cambridge deaths outside city..... 348

Non-residents died in Cambridge (exclusive of stillbirths)..... 325

TABLE B

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Diphtheria	Number of cases reported.....	141	90	53	69	50	14	2	3	6
	Morbidity per 100,000 living ..	110	79.1	43.8	60.2	43.5	11.21	1.67	2.49	4.95
	Death rate per 100,000 living..	3.93	4.39	4.38	3.44	1.74	0.00	0.00	0.00	.82
	Case death rate, percentage ...	3.54	5.55	9.44	5.79	4.00	0.00	0.00	0.00	33.33
Scarlet Fever	Number of cases reported.....	178	429	514	505	344	216	202	269	380
	Morbidity per 100,000 living ..	140	385	452	441	299	187	170	216	313
	Death rate per 100,000 living..	0.00	0.00	1.75	3.44	1.74	3.47	1.87	0.00	.82
	Case death rate, percentage ...	0.00	0.00	3.87	.790	.57	1.85	.990	0.00	.263
Measles	Number of cases reported.....	501	1,414	408	407	623	2,094	2,185	1,256	261
	Morbidity per 100,000 living ..	291	1,244	361	355	542	1,816	1,850	1,051	215
	Death rate per 100,000 living..	7.82	5.28	.876	1.76	1.74	2.60	0.00	1.67	.82
	Case death rate, percentage ...	.198	.425	.002	.049	.032	.143	0.00	.159	.383
Typhoid Fever	Number of cases reported.....	11	7	6	4	6	12	1	3	3
	Morbidity per 100,000 living ..	8.65	6.15	5.25	3.49	5.22	10.40	.890	2.51	2.47
	Death rate per 100,000 living..	1.57	.879	0.00	1.76	2.61	.865	0.00	.83	.82
	Case death rate, percentage ...	18.18	14.28	0.00	50	22.22	8.83	0.00	25	33.33

TABLE C
(per 100,000)

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Cancer.....	111.0 114.0	134.5 158.2	120.9 138.4	135.36 153.0	130.5 148.70	149.2 116.5	135 156	154.9 183	145.4 162.9	139 153
Diarrheal Diseases.....	9.43 9.43	7.92 6.15	1.75 4.38	.000 .009	1.74 .87	.867 .867	13.50 13.50	1.67 0.00	2.49 2.49	4.12 2.48
Whooping Cough.....	6.29 6.29	7.03 3.51	3.50 3.50	5.23 4.36	1.74 .87	3.47 3.47	5.90 1.87	0.00 0.00	3.32 1.66	1.65 .82
Heart Diseases.....	156.5	162.6	227.8	238	198.4	224.6	229.5	228.1	245.2	226.9
Pneumonia.....	153.0 148.0	145.0 129.3	114.7 116.5	126 130	131.43 140.12	136.1 134.4	145.4 140.0	156.6 152.4	133.01 132.18	116.9 130.3
Pulmonary Tuberculosis.....	62.1 76.3	61.55 61.54	67.47 60.46	62.00 59.38	52.22 45.26	46.84 43.37	50.62 47.24	57.78 43.54	40.73 32.42	43.73 37.13

In this table, the upper number is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents dying in Cambridge are excluded.
The lower number is derived from the actual number of deaths in the city and includes non-residents, but excludes Cambridge residents who died outside of Cambridge.

TABLE D — 1938

Week Ending	Diphtheria	Scarlet Fever	Measles	Chicken Pox	Whooping Cough	German Measles	Mumps	Typhoid Fever	Pulmonary Tuberculosis	Hilum Tuberculosis	Other Forms of Tuberculosis	Lobar Pneumonia	Cerebrospinal Meningitis	Ophthalmia Neonatorum	Suppurative Conjunctivitis	Septic Sore Throat	Bites of Animals	Paratyphoid B	Contact with Rabid Animal	Bacillary Dysentery	Tetanus	Pellagra	Malaria	Totals
January 8.....	0	3	1	34	8	1	11	0	1	0	1	3	0	0	0	1	5	0	0	0	0	0	0	68
15.....	0	2	1	24	7	1	13	0	1	0	0	0	0	1	0	0	14	0	0	0	0	0	0	69
22.....	0	2	6	37	6	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
29.....	0	9	2	13	4	1	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
February 5.....	0	3	1	11	2	1	11	0	3	0	0	4	1	0	1	0	14	0	0	0	0	0	0	53
12.....	0	3	3	8	4	4	15	0	1	0	0	4	0	0	0	0	8	0	0	0	0	0	0	57
19.....	0	3	3	6	2	0	28	0	1	0	0	4	0	0	0	0	9	0	0	0	0	0	0	67
26.....	0	7	2	6	4	0	25	0	1	0	0	3	0	2	0	1	5	0	0	0	0	0	0	58
March 5.....	0	8	2	20	10	0	20	0	0	2	0	1	0	0	0	0	6	0	0	0	0	0	0	61
12.....	0	13	1	12	3	0	26	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	72
19.....	0	14	1	20	1	0	30	0	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	81
26.....	0	13	3	15	8	1	21	0	0	1	0	0	0	0	0	0	14	0	0	0	0	0	0	56
April 2.....	0	13	5	5	0	3	12	0	0	0	0	3	0	0	0	0	11	0	0	0	0	0	0	59
9.....	0	15	5	4	0	0	14	0	0	0	0	5	0	0	0	2	11	0	0	0	0	0	0	74
16.....	0	16	9	13	0	0	13	0	0	0	0	4	0	0	0	0	14	0	0	0	0	0	0	84
23.....	0	11	16	2	3	0	13	0	0	0	0	2	1	0	0	0	12	0	0	0	0	0	0	68
30.....	0	20	13	12	0	0	8	0	0	0	0	9	0	0	0	0	8	0	0	0	0	0	0	78
May 7.....	0	29	10	2	1	3	12	0	1	0	1	2	0	0	0	0	9	0	0	0	0	0	0	73
14.....	0	29	13	6	2	0	10	0	1	1	0	3	0	0	0	0	13	0	0	1	0	0	0	77
21.....	0	22	6	14	0	0	13	0	1	1	0	2	0	0	0	0	10	0	0	0	0	0	0	73
28.....	0	31	14	21	0	1	5	0	2	0	0	5	0	0	0	1	22	0	0	0	0	0	0	106
June 4.....	0	12	6	16	2	0	10	0	1	0	1	3	0	0	0	0	19	0	0	0	0	0	0	62
11.....	0	10	16	21	0	1	5	0	2	0	0	2	0	0	0	0	14	0	0	0	0	0	0	80
18.....	0	10	11	8	1	1	10	0	4	0	0	1	0	0	0	0	14	0	0	0	0	0	0	55
25.....	0	10	11	13	4	1	6	0	1	0	0	1	0	0	0	0	17	0	0	0	0	0	0	67

TABLE D — Continued

	Diphtheria	Scarlet Fever	Measles	Chicken Pox	Whooping Cough	German Measles	Mumps	Typhoid Fever	Pulmonary Tuberculosis	Hilum Tuberculosis	Other Forms of Tuberculosis	Lobar Pneumonia	Cerebrospinal Meningitis	Ophthalmia Neonatorum	Suppurative Conjunctivitis	Septic Sore Throat	Bites of Animals	Paratyphoid b	Contact with Rabid Dog	Bacillary Dysentery	Tetanus	Pellagra	Malaria	Totals
July	0	7	13	13	2	0	0	0	1	4	2	3	0	0	0	0	16	0	0	0	0	0	0	46
9	0	11	1	1	9	1	4	0	4	1	0	0	0	0	0	0	5	0	0	0	0	0	0	38
16	0	1	1	1	1	0	0	0	1	0	0	0	0	0	1	0	13	0	0	0	0	0	0	27
23	0	4	1	1	3	0	0	0	1	0	0	0	0	0	0	0	11	0	0	0	0	0	0	27
30	0	2	0	2	5	0	0	0	1	0	0	0	0	0	0	0	12	0	0	1	0	0	0	25
6	0	1	3	3	3	0	1	0	1	0	0	0	0	0	0	0	10	0	0	0	0	0	0	25
13	0	5	0	0	5	0	0	0	1	0	0	0	0	0	0	0	9	0	0	0	0	0	0	27
20	0	3	3	3	3	0	0	0	3	0	1	0	0	0	0	0	14	0	0	0	0	0	0	20
27	0	3	1	1	4	0	0	1	1	0	0	1	0	0	0	0	10	0	0	0	0	1	0	27
3	0	1	1	0	0	4	0	0	3	0	0	1	0	0	0	0	13	1	0	0	0	0	0	17
10	0	2	0	0	11	1	0	0	3	0	0	1	0	0	0	0	5	0	0	0	0	0	0	15
17	0	0	0	0	8	0	0	0	2	0	0	1	0	0	0	0	13	0	0	0	0	0	0	32
24	0	0	0	0	4	0	0	0	3	0	0	1	0	0	0	0	9	0	0	0	0	0	1	19
1	0	1	0	0	14	0	0	0	0	0	0	2	0	0	0	0	13	0	0	0	0	0	0	25
8	1	0	4	4	4	0	6	0	3	0	0	1	0	0	0	0	10	0	0	0	0	0	0	43
15	0	1	0	0	6	0	3	0	1	0	0	2	0	0	0	0	13	0	0	0	0	0	0	33
22	0	3	4	1	15	0	2	0	1	0	0	4	0	0	1	0	10	0	0	0	0	0	0	44
29	0	3	2	2	8	0	3	0	3	0	0	7	0	0	0	0	9	0	0	0	0	0	0	35
5	2	3	2	2	2	0	3	0	2	0	1	1	0	0	0	0	6	0	0	0	0	0	0	23
12	0	5	4	4	7	0	0	0	2	0	0	2	0	0	0	0	5	0	0	0	0	0	0	26
19	1	2	11	11	8	1	11	0	2	0	0	1	0	0	0	1	3	0	0	0	0	0	0	45
26	0	3	2	2	4	0	1	0	2	0	1	2	0	0	0	0	5	0	0	0	0	0	0	20
3	0	4	10	10	9	0	26	0	2	0	0	3	0	0	0	0	4	0	0	0	0	0	0	60
10	1	1	4	4	5	1	9	0	3	0	0	2	0	0	0	0	4	0	0	0	0	0	0	30
17	1	4	9	9	12	1	19	0	3	0	1	3	0	0	0	0	4	0	0	0	0	0	0	60
24	0	3	7	7	4	0	5	0	2	0	0	2	0	0	0	1	4	0	0	0	0	0	0	28
31	0	18	2	2	8	0	5	0	1	0	0	3	0	0	0	0	1	0	0	0	0	0	0	47
Total	6	261	418	257	32	468	1	105	123	2	3	491	2	3	4	7	491	2	3	2	1	1	1	2,589

TABLE E

Ward	1938 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
DIPHTHERIA													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	0	1	2
3	0	0	0	0	0	0	0	0	0	2	1	1	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	3	1	2	6
SCARLET FEVER													
1	5	3	7	6	3	3	2	1	1	1	1	0	33
2	2	3	12	5	10	1	3	1	1	0	1	0	39
3	0	3	1	0	4	3	0	0	0	1	0	0	12
4	2	3	2	6	6	0	1	0	1	0	0	1	22
5	0	0	2	2	9	2	3	0	0	0	1	2	21
6	0	4	5	9	33	19	8	4	0	4	1	1	88
7	0	3	7	2	3	1	0	0	0	0	1	3	20
8	1	1	1	7	1	0	0	0	0	0	0	2	13
9	2	0	1	4	3	2	0	0	0	2	2	0	16
10	3	3	3	8	12	4	1	1	1	4	4	0	44
11	3	2	9	16	30	6	2	1	1	1	0	1	72
Total	18	25	50	65	114	41	20	8	5	13	11	10	380
MEASLES													
1	2	0	4	2	0	2	0	6	3	10	9	5	43
2	1	0	1	11	8	16	12	0	1	0	1	1	52
3	1	2	0	11	0	2	2	0	0	0	1	7	26
4	0	0	0	1	4	0	2	0	0	0	0	2	9
5	0	1	1	1	0	1	0	5	0	3	1	2	15
6	0	1	0	1	1	1	0	1	1	0	2	4	12
7	0	2	1	3	1	1	1	0	0	0	0	3	12
8	2	0	0	1	2	2	0	0	0	0	0	1	8
9	1	3	2	7	27	12	0	0	0	0	0	0	52
10	3	1	3	4	4	2	1	0	0	0	1	0	19
11	0	1	0	1	1	5	2	1	0	0	0	2	13
Total	10	11	12	43	48	44	20	13	5	13	15	27	261
CHICKEN POX													
1	3	0	3	5	1	1	1	0	0	1	11	12	38
2	2	4	8	3	2	3	1	1	0	1	0	0	25
3	13	7	6	3	10	0	1	1	1	0	0	1	43
4	3	3	6	2	7	2	1	0	1	3	0	1	29
5	1	0	2	0	0	0	0	1	0	0	3	0	7
6	20	6	12	3	4	2	0	2	0	0	1	1	51
7	11	4	5	7	0	0	1	0	0	0	1	6	35
8	27	2	1	2	0	6	2	0	1	2	0	5	48
9	13	2	10	3	20	32	4	0	0	0	4	2	90
10	16	5	1	0	2	11	2	0	0	1	1	1	40
11	0	0	3	4	0	2	2	0	1	0	0	0	12
Total	109	33	57	32	46	59	15	5	4	8	21	29	418

TABLE E — Continued

Ward		1938 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
WHOOPIING COUGH	1	0	2	2	2	0	2	1	0	3	16	5	20	53
	2	0	0	0	2	1	5	5	6	15	22	1	4	61
	3	1	0	2	0	0	1	1	6	0	2	3	1	17
	4	1	4	5	1	1	0	0	0	0	1	5	0	18
	5	7	10	14	6	0	0	2	3	0	0	0	0	42
	6	15	4	1	4	0	0	1	2	0	1	0	0	28
	7	1	0	10	0	1	0	0	0	0	1	0	1	4
	8	0	1	0	0	0	0	0	0	0	0	0	4	5
	9	0	0	0	0	0	0	0	0	0	0	0	5	5
	10	0	0	1	0	0	0	0	0	0	2	3	2	8
	11	0	1	0	0	0	1	2	0	9	0	2	1	16
Total		25	22	25	15	3	9	12	17	27	45	19	38	257
GERMAN MEASLES	1	0	0	2	0	1	0	0	0	0	0	0	1	4
	2	0	3	1	2	0	0	0	0	0	0	0	0	6
	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	1	0	0	0	0	0	0	1
	5	0	0	0	1	1	0	0	0	0	0	0	0	2
	6	1	0	0	0	0	0	0	0	0	0	0	0	1
	7	0	2	0	0	0	1	0	0	1	0	0	0	4
	8	0	0	0	0	0	0	1	0	0	0	0	0	1
	9	1	2	1	0	1	1	0	0	0	0	0	1	7
	10	1	1	1	0	1	0	0	0	0	0	0	0	4
	11	0	0	0	0	0	0	0	0	0	0	2	0	2
Total		3	8	5	3	4	3	1	0	1	0	2	2	32
MUMPS	1	28	35	39	5	1	2	2	0	0	0	0	0	112
	2	13	10	11	5	7	2	1	0	0	0	0	0	49
	3	10	8	21	7	6	2	1	0	0	0	0	1	56
	4	4	5	10	4	5	0	0	0	0	0	1	0	29
	5	0	0	4	4	2	2	0	0	0	0	0	0	12
	6	3	2	6	3	4	1	0	1	0	0	2	1	23
	7	2	7	8	1	0	1	0	0	0	0	1	1	21
	8	1	7	2	5	1	1	0	0	0	1	1	3	22
	9	2	4	1	6	10	13	0	0	0	0	0	6	42
	10	0	3	2	6	10	1	0	0	0	12	17	39	90
	11	0	1	1	3	0	0	0	0	0	2	3	2	12
Total		63	82	105	49	46	25	4	1	0	15	25	53	468
TYPHOID FEVER	1	0	0	0	0	0	0	0	0	1	0	0	0	1
	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	1	0	0	0	1

TABLE E—Continued

Ward	1938 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
PULMONARY TUBERCULOSIS													
1	3	1	4	1	1	2	1	1	0	0	1	1	16
2	0	2	0	3	2	2	1	0	1	1	0	0	12
3	0	0	1	1	1	0	3	0	0	3	1	2	12
4	1	0	0	0	0	1	2	1	1	2	0	0	8
5	1	1	0	1	0	0	0	1	0	0	1	0	5
6	0	0	3	2	0	0	0	2	2	0	1	1	11
7	0	1	0	2	0	2	2	1	1	0	0	2	11
8	0	0	0	1	0	1	0	0	0	1	2	0	5
9	0	0	1	0	2	1	0	2	1	0	1	1	9
10	0	0	0	1	1	1	0	0	0	2	0	1	6
11	0	1	2	0	2	2	1	1	1	0	0	0	10
Total	5	6	11	12	9	12	10	9	7	9	7	8	105
HILUM TUBERCULOSIS													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	1	1	0	2	0	0	0	0	0	0	0	4
3	0	0	1	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	1	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	1	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	0	0	0	0	0	1
10	0	0	0	0	0	0	1	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	2	0	2	1	2	0	0	0	1	0	9
OTHER FORMS OF TUBERCULOSIS													
1	0	0	0	0	0	0	2	0	0	0	1	0	3
2	0	0	0	0	0	1	0	0	0	0	0	0	1
3	0	0	0	0	1	1	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	1	0	0	0	1	2
5	1	0	0	0	0	0	0	0	0	0	1	0	2
6	0	1	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	0	1	3	2	1	0	0	2	1	12
1	1	0	1	2	1	1	0	1	2	4	0	3	16
2	1	2	1	4	3	1	1	0	0	0	1	2	16
3	2	4	3	1	2	1	1	0	0	0	0	0	14
4	1	3	2	0	0	0	0	1	2	1	1	1	12
5	1	0	1	0	2	0	0	0	0	2	3	1	10
6	2	0	3	4	0	0	1	0	0	4	0	0	14
7	0	0	0	0	1	1	0	0	0	1	0	0	3
8	1	1	1	3	0	0	0	0	0	2	0	1	9
9	0	1	0	0	1	1	0	1	1	0	0	1	6
10	4	1	1	2	1	2	0	0	0	1	0	0	12
11	1	1	1	3	1	1	0	0	1	1	0	1	11
Total	14	13	14	19	12	8	3	3	6	16	5	10	123

TABLE E — *Continued*

Ward	1938 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
CEREBRO- SPINAL MENINGITIS													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	1	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	0	0	0	0	0	0	0	2
OPHTHALMIA NEONATORUM													
1	0	2	0	0	0	0	0	0	0	0	0	0	2
2	1	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	2	0	0	0	0	0	0	0	0	0	0	3
SUPPURATIVE CONJUNCTIVITIS													
1	0	0	0	0	0	0	0	1	0	0	0	0	1
2	0	1	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	0	1
Total	0	1	0	0	0	0	1	1	0	1	0	0	4
SEPTIC SORE THROAT													
1	0	0	0	0	0	0	0	0	0	0	0	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	1	0	0	0	0	0	0	0	1
9	0	1	0	1	0	0	0	0	0	0	0	0	2
10	1	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	1	0	0	0	0	0	0	0	0	1
Total	1	1	0	2	1	0	0	0	0	0	1	1	7

CAUSES OF DEATH

CAUSES OF DEATH													Total	
													5 and Over	
													90 and Over	
													80 to 89	
													70 to 79	
													60 to 69	
													50 to 59	
													40 to 49	
													30 to 39	
													20 to 29	
													15 to 19	
													10 to 14	
													5 to 9	
													Total Under 5	
													4 to 5	
													3 to 4	
													2 to 3	
													1 to 2	
													Under 1	
													M	F
X. Diseases of the Genitourinary System (Continued)														
134. Calculi of the urinary passages.....														
135. Diseases of the bladder (tumors excepted).....														
136. Diseases of the urethra, urinary abscess, etc.:.....														
(a) Stricture of the urethra.....														
(b) Others under this title.....														
137. Diseases of the prostate.....														
138. Diseases of the male genital organs, not specified as venereal.....													5	14
139. Diseases of the female genital organs, not specified as venereal:														
(a) Cysts of the ovary.....														
(b) Other diseases of the ovaries and diseases of the tubes and parametrium.....														
(c) Diseases of the uterus.....													2	3
(d) Nonpuerperal diseases of the breast (cancer excepted).....														
(e) Other diseases of the female genital organs.....														
XI. Diseases of Pregnancy, Childbirth, and the Puerperal State														
140. Abortion with septic conditions.....													1	1
141. Abortion without mention of septic condition (to include hemorrhages).....														
142. Ectopic gestation:														
(a) With septic conditions specified.....														
(b) Without mention of septic conditions.....														
143. Other accidents of pregnancy (not to include hemorrhages).....														
144. Puerperal hemorrhage:														
(a) Placenta prævia.....														
(b) Other puerperal hemorrhages.....													2	3
145. Puerperal septicemia (not specified as due to abortion):														
(a) Puerperal septicemia and pyemia.....														
(b) Puerperal tetanus.....														

TABLE A — Continued

[illegible]

TABLE A--Concluded

[illegible]

Total Cambridge deaths outside city..... 348

Non-residents died in Cambridge (exclusive of stillbirths) 325

TABLE B

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Diphtheria										
Number of cases reported.....	141	90	53	69	50	14	2	3	3	6
Morbidity per 100,000 living ..	110	79.1	43.8	60.2	43.5	11.21	1.67	2.51	2.49	4.95
Death rate per 100,000 living..	3.93	4.39	4.38	3.44	1.74	0.00	0.00	0.00	0.00	.82
Case death rate, percentage ...	3.54	5.55	9.44	5.79	4.00	0.00	0.00	0.00	0.00	33.33
Scarlet Fever										
Number of cases reported.....	178	429	514	505	344	216	202	269	327	380
Morbidity per 100,000 living ..	140	385	452	441	299	187	170	216	278	313
Death rate per 100,000 living..	0.00	0.00	1.75	3.44	1.74	3.47	1.87	0.00	.831	.82
Case death rate, percentage ...	0.00	0.00	3.87	.790	.57	1.85	.990	0.00	.306	.263
Measles										
Number of cases reported.....	501	1,414	408	407	623	2,094	2,185	1,256	128	261
Morbidity per 100,000 living ..	291	1,244	361	355	542	1,816	1,850	1,051	106	215
Death rate per 100,000 living..	7.82	5.28	.876	1.76	1.74	2.60	0.00	1.67	0.00	.82
Case death rate, percentage ...	.198	.425	.002	.049	.032	.143	0.00	.159	0.00	.383
Typhoid Fever										
Number of cases reported.....	11	7	6	4	6	12	1	3	4	3
Morbidity per 100,000 living	8.65	6.15	5.25	3.49	5.22	10.40	.890	2.51	3.32	2.47
Death rate per 100,000 living..	1.57	.879	0.00	1.76	2.61	.865	0.00	0.00	.83	.82
Case death rate, percentage ...	18.18	14.28	0.00	50	22.22	8.83	0.00	0.00	25	33.33

TABLE C
(per 100,000)

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Cancer.....	111.0 114.0	134.5 158.2	120.9 138.4	135.36 153.0	130.5 148.70	149.2 116.5	135 156	154.9 183	145.4 162.9	139 153
Diarrheal Diseases.....	9.43 9.43	7.92 6.15	1.75 4.38	.000 .009	1.74 .87	.867 .867	13.50 13.50	1.67 0.00	2.49 2.49	4.12 2.48
Whooping Cough.....	6.29 6.29	7.03 3.51	3.50 3.50	5.23 4.36	1.74 .87	3.47 3.47	5.90 1.87	0.00 0.00	3.32 1.66	1.65 .82
Heart Diseases.....	156.5	162.6	227.8	238	198.4	224.6	229.5	228.1	245.2	226.9
Pneumonia.....	153.0 148.0	145.0 129.3	114.7 116.5	126 130	131.43 140.12	136.1 134.4	145.4 140.0	156.6 152.4	133.01 132.18	116.9 130.3
Pulmonary Tuberculosis.....	62.1 76.3	61.55 61.54	67.47 60.46	62.00 59.38	52.22 45.26	46.84 43.37	50.62 47.24	57.78 43.54	40.73 32.42	43.73 37.13

In this table, the upper number is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents dying in Cambridge are excluded.
The lower number is derived from the actual number of deaths in the city and includes non-residents, but excludes Cambridge residents who died outside of Cambridge.

TABLE D — 1938

Week Ending	Diphtheria	Scarlet Fever	Measles	Chicken Pox	Whooping Cough	German Measles	Mumps	Typhoid Fever	Pulmonary Tuberculosis	Hilum Tuberculosis	Other Forms of Tuberculosis	Lobar Pneumonia	Cerebrospinal Meningitis	Ophthalmia Neonatorum	Suppurative Conjunctivitis	Septic Sore Throat	Bites of Animals	Paratyphoid B	Contact with Rabid Animal	Bacillary Dysentery	Tetanus	Pellagra	Malaria	Totals
January 8.....	0	3	1	34	8	1	11	0	1	0	1	2	0	0	0	1	5	0	0	0	0	0	0	66
15.....	0	2	1	24	7	1	13	0	1	0	0	0	0	1	0	0	14	0	0	0	0	0	0	69
22.....	0	2	6	37	6	0	17	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	83
29.....	0	5	2	13	4	1	22	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	56
February 5.....	0	3	1	11	2	1	11	0	3	0	0	4	1	0	1	0	8	0	0	0	0	0	0	53
12.....	0	6	3	8	4	4	15	0	1	0	0	4	0	0	0	0	9	0	0	0	0	0	0	57
19.....	0	7	5	9	3	3	28	0	1	0	0	4	0	0	0	0	8	0	0	0	0	0	0	67
26.....	0	8	2	6	4	0	25	0	1	0	0	3	0	2	0	1	5	0	0	0	0	0	0	58
March 5.....	0	6	2	6	10	0	20	0	3	0	0	5	0	0	0	0	6	0	0	0	0	0	0	61
12.....	0	8	1	20	3	0	26	0	2	0	0	6	0	0	0	0	9	0	0	0	0	0	0	72
19.....	0	13	1	12	1	0	30	0	2	0	0	1	0	0	0	0	6	1	0	0	0	0	0	72
26.....	0	14	3	15	8	1	21	0	2	0	0	3	0	0	0	0	14	0	0	0	0	0	0	81
April 2.....	0	13	5	5	1	0	12	0	0	0	0	1	0	0	0	0	11	0	0	0	0	0	0	59
9.....	0	15	5	4	0	0	14	0	0	0	0	2	0	0	0	0	11	0	0	0	0	0	0	59
16.....	0	16	6	13	0	0	13	0	4	0	0	5	0	0	0	0	14	0	0	0	0	0	0	74
23.....	0	11	16	2	3	0	13	0	2	0	0	4	0	0	0	0	12	0	3	0	0	0	0	82
30.....	0	20	13	12	0	0	8	0	1	0	0	6	1	0	0	0	8	0	0	0	0	0	0	68
May 7.....	0	29	10	2	1	3	12	0	4	0	0	2	0	0	0	0	9	0	0	0	0	0	0	73
14.....	0	29	13	6	2	0	10	0	1	0	1	2	0	0	0	0	13	0	0	1	0	0	0	77
21.....	0	22	16	21	0	0	13	0	1	0	0	5	0	0	0	0	10	0	0	0	0	0	0	106
28.....	0	31	14	16	0	1	5	0	2	0	0	3	0	0	0	1	22	0	0	0	0	0	0	62
June 4.....	0	12	6	21	0	0	10	0	4	0	1	1	0	0	0	0	19	0	0	0	0	0	0	80
11.....	0	10	16	16	2	0	5	0	1	0	0	2	0	0	0	0	14	0	0	0	0	0	0	55
18.....	0	10	11	21	1	1	10	0	1	0	0	1	0	0	0	0	14	0	0	0	0	0	0	55
25.....	0	10	11	13	4	1	6	0	4	0	2	2	0	0	0	0	17	0	0	0	0	0	0	67

TABLE D — Continued

	Diphtheria	Scarlet Fever	Measles	Chicken Pox	Whooping Cough	German Measles	Mumps	Typhoid Fever	Pulmonary Tuberculosis	Hilum Tuberculosis	Other Forms of Tuberculosis	Lobar Pneumonia	Cerebrospinal Meningitis	Ophthalmia Neonatorum	Suppurative Conjunctivitis	Septic Sore Throat	Bites of Animals	Paratyphoid b	Contact with Rabid Dog	Bacillary Dysentery	Tetanus	Pellagra	Malaria	Totals
July	0	2	7	13	13	0	0	0	1	2	0	3	0	0	0	0	16	0	0	0	0	0	0	46
9	0	11	11	2	4	1	4	0	4	1	0	0	0	0	1	0	9	0	0	0	0	0	0	38
16	0	5	4	1	3	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	27
23	0	5	2	2	3	0	0	0	4	1	0	0	0	0	0	0	13	0	0	0	0	0	0	27
30	0	5	4	0	3	0	0	0	1	0	0	0	0	0	0	0	11	0	0	0	0	0	0	25
6	0	4	2	0	5	0	0	0	1	0	0	0	0	0	0	0	12	0	0	1	0	0	0	25
13	0	4	1	0	3	0	1	0	1	0	0	0	0	0	0	0	10	0	0	0	0	0	0	25
20	0	1	3	0	4	0	0	0	1	0	0	0	0	0	0	0	9	0	0	0	0	0	0	27
27	0	2	3	1	4	0	0	0	2	0	0	1	0	0	0	0	14	0	0	0	0	1	0	27
3	0	0	1	1	0	0	0	1	3	0	0	1	0	0	0	0	10	0	0	0	0	0	0	17
10	0	0	2	0	4	1	0	0	1	0	0	1	0	0	0	0	5	1	0	0	0	0	0	15
17	0	4	0	0	8	0	0	0	2	0	0	1	0	0	0	0	13	0	0	0	0	0	0	32
24	0	1	0	0	4	0	0	0	3	0	0	1	0	0	0	0	9	0	0	0	0	0	1	19
1	0	4	6	4	14	0	6	0	0	0	0	1	0	0	0	0	9	0	0	0	0	0	0	25
8	1	4	0	4	14	0	3	0	3	0	0	2	0	0	0	0	13	0	0	0	0	0	0	43
15	0	1	3	4	6	0	3	0	1	0	0	5	0	0	0	0	10	0	0	0	0	0	0	33
22	0	4	3	1	15	0	2	0	3	0	0	4	0	0	1	0	9	0	0	0	0	0	0	44
29	2	3	3	2	8	0	3	0	1	0	0	1	0	0	0	0	6	0	0	0	0	0	0	35
5	0	3	3	2	7	0	3	0	2	0	1	1	0	0	0	0	6	0	0	0	0	0	0	23
12	0	3	5	4	2	0	0	0	2	0	1	0	0	0	0	0	5	0	0	0	0	0	0	26
19	1	2	2	1	8	1	11	0	2	0	0	2	0	0	0	0	3	0	0	0	0	0	0	45
26	0	2	3	2	4	1	1	0	0	0	1	0	0	0	0	1	3	0	0	0	0	0	0	20
3	0	3	4	10	9	0	26	0	2	0	1	0	0	0	0	0	5	0	0	0	0	0	0	60
10	1	0	1	4	5	1	9	0	3	0	0	3	0	0	0	0	4	0	0	0	0	0	0	30
17	1	4	4	9	12	1	19	0	2	0	1	0	0	0	0	0	4	0	0	0	0	0	0	60
24	3	3	4	7	4	0	5	0	2	0	1	0	0	0	0	1	1	0	0	0	0	0	0	28
31	0	2	18	2	8	0	5	0	1	0	0	2	0	0	0	0	8	0	0	0	0	0	0	47
Total	6	380	261	418	257	32	468	1	105	9	12	123	2	3	4	7	491	2	3	2	1	1	1	2,589

TABLE E

Ward	1938 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
DIPHTHERIA													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	0	1	2
3	0	0	0	0	0	0	0	0	0	2	1	1	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	3	1	2	6
SCARLET FEVER													
1	5	3	7	6	3	3	2	1	1	1	1	0	33
2	2	3	12	5	10	1	3	1	1	0	1	0	39
3	0	3	1	0	4	3	0	0	0	1	0	0	12
4	2	3	2	6	6	0	1	0	1	0	0	1	22
5	0	0	2	2	9	2	3	0	0	0	1	2	21
6	0	4	5	9	33	19	8	4	0	4	1	1	88
7	0	3	7	2	3	1	0	0	0	0	1	3	20
8	1	1	1	7	1	0	0	0	0	0	0	2	13
9	2	0	1	4	3	2	0	0	0	2	2	0	16
10	3	3	3	8	12	4	1	1	1	4	4	0	44
11	3	2	9	16	30	6	2	1	1	1	0	1	72
Total	18	25	50	65	114	41	20	8	5	13	11	10	380
MEASLES													
1	2	0	4	2	0	2	0	6	3	10	9	5	43
2	1	0	1	11	8	16	12	0	1	0	1	1	52
3	1	2	0	11	0	2	2	0	0	0	1	7	26
4	0	0	0	1	4	0	2	0	0	0	0	2	9
5	0	1	1	1	0	1	0	5	0	3	1	2	15
6	0	1	0	1	1	1	0	1	1	0	2	4	12
7	0	2	1	3	1	1	1	0	0	0	0	3	12
8	2	0	0	1	2	2	0	0	0	0	0	1	8
9	1	3	2	7	27	12	0	0	0	0	0	0	52
10	3	1	3	4	4	2	1	0	0	0	1	0	19
11	0	1	0	1	1	5	2	1	0	0	0	2	13
Total	10	11	12	43	48	44	20	13	5	13	15	27	261
CHICKEN POX													
1	3	0	3	5	1	1	1	0	0	1	11	12	38
2	2	4	8	3	2	3	1	1	0	1	0	0	25
3	13	7	6	3	10	0	1	1	1	0	0	1	43
4	3	3	6	2	7	2	1	0	1	3	0	1	29
5	1	0	2	0	0	0	0	1	0	0	3	0	7
6	20	6	12	3	4	2	0	2	0	0	1	1	51
7	11	4	5	7	0	0	1	0	0	0	1	6	35
8	27	2	1	2	0	6	2	0	1	2	0	5	48
9	13	2	10	3	20	32	4	0	0	0	4	2	90
10	16	5	1	0	2	11	2	0	0	1	1	1	40
11	0	0	3	4	0	2	2	0	1	0	0	0	12
Total	109	33	57	32	46	59	15	5	4	8	21	29	418

TABLE E — *Continued*

Ward	1938 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
WHOOPING COUGH													
1	0	2	2	2	0	2	1	0	3	16	5	20	53
2	0	0	0	2	1	5	5	6	15	22	1	4	61
3	1	0	2	0	0	1	1	6	0	2	3	1	17
4	1	4	5	1	1	0	0	0	0	1	5	0	18
5	7	10	14	6	0	0	2	3	0	0	0	0	42
6	15	4	1	4	0	0	1	2	0	1	0	0	28
7	1	0	10	0	1	0	0	0	0	1	0	1	4
8	0	1	0	0	0	0	0	0	0	0	0	4	5
9	0	0	0	0	0	0	0	0	0	0	0	5	5
10	0	0	1	0	0	0	0	0	0	2	3	2	8
11	0	1	0	0	0	1	2	0	9	0	2	1	16
Total	25	22	25	15	3	9	12	17	27	45	19	38	257
GERMAN MEASLES													
1	0	0	2	0	1	0	0	0	0	0	0	1	4
2	0	3	1	2	0	0	0	0	0	0	0	0	6
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	0	0	0	0	0	0	1
5	0	0	0	1	1	0	0	0	0	0	0	0	2
6	1	0	0	0	0	0	0	0	0	0	0	0	1
7	0	2	0	0	0	1	0	0	1	0	0	0	4
8	0	0	0	0	0	0	1	0	0	0	0	0	1
9	1	2	1	0	1	1	0	0	0	0	0	1	7
10	1	1	1	0	1	0	0	0	0	0	0	0	4
11	0	0	0	0	0	0	0	0	0	0	2	0	2
Total	3	8	5	3	4	3	1	0	1	0	2	2	32
MUMPS													
1	28	35	39	5	1	2	2	0	0	0	0	0	112
2	13	10	11	5	7	2	1	0	0	0	0	0	49
3	10	8	21	7	6	2	1	0	0	0	0	1	56
4	4	5	10	4	5	0	0	0	0	0	1	0	29
5	0	0	4	4	2	2	0	0	0	0	0	0	12
6	3	2	6	3	4	1	0	1	0	0	2	1	23
7	2	7	8	1	0	1	0	0	0	0	1	1	21
8	1	7	2	5	1	1	0	0	0	1	1	3	22
9	2	4	1	6	10	13	0	0	0	0	0	6	42
10	0	3	2	6	10	1	0	0	0	12	17	39	90
11	0	1	1	3	0	0	0	0	0	2	3	2	12
Total	63	82	105	49	46	25	4	1	0	15	25	53	468
TYPHOID FEVER													
1	0	0	0	0	0	0	0	0	1	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	0	0	0	1

TABLE E — Continued

Ward	1938 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
PULMONARY TUBERCULOSIS	1	3	1	4	1	1	2	1	1	0	1	1	16
	2	0	2	0	3	2	2	1	0	1	0	0	12
	3	0	0	1	1	1	0	3	0	0	3	2	12
	4	1	0	0	0	0	1	2	1	1	2	0	8
	5	1	1	0	1	0	0	0	1	0	1	0	5
	6	0	0	3	2	0	0	2	2	0	1	1	11
	7	0	1	0	2	0	2	2	1	1	0	2	11
	8	0	0	0	1	0	1	0	0	1	2	0	5
	9	0	0	1	0	2	1	0	2	1	1	1	9
	10	0	0	0	1	1	1	0	0	2	0	1	6
	11	0	1	2	0	2	2	1	1	0	0	0	10
Total	5	6	11	12	9	12	10	9	7	9	7	8	105
HILUM TUBERCULOSIS	1	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	1	1	0	2	0	0	0	0	0	0	4
	3	0	0	1	0	0	0	0	0	0	0	0	1
	4	0	0	0	0	0	1	0	0	0	0	0	1
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	1	0	1
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	1	0	0	0	0	0	1
	10	0	0	0	0	0	1	0	0	0	0	0	1
	11	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	2	0	2	1	2	0	0	0	1	0	9
OTHER FORMS OF TUBERCULOSIS	1	0	0	0	0	0	2	0	0	0	1	0	3
	2	0	0	0	0	0	1	0	0	0	0	0	1
	3	0	0	0	0	1	1	0	0	0	0	0	2
	4	0	0	0	0	0	0	1	0	0	0	1	2
	5	1	0	0	0	0	0	0	0	0	1	0	2
	6	0	1	0	0	0	0	0	0	0	0	0	1
	7	0	0	0	0	0	1	0	0	0	0	0	1
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	0	1	3	2	1	0	0	2	1	12
LOBAR PNEUMONIA	1	1	0	1	2	1	1	0	1	2	4	0	16
	2	1	2	1	4	3	1	1	0	0	0	2	16
	3	2	4	3	1	2	1	1	0	0	1	0	14
	4	1	3	2	0	0	0	1	2	1	1	1	12
	5	1	0	1	0	2	0	0	0	2	3	1	10
	6	2	0	3	4	0	0	1	0	4	0	0	14
	7	0	0	0	0	1	1	0	0	1	0	0	3
	8	1	1	1	3	0	0	0	0	2	0	1	9
	9	0	1	0	0	1	1	0	1	0	0	1	6
	10	4	1	1	2	1	2	0	0	1	0	0	12
	11	1	1	1	3	1	1	0	0	1	0	1	11
Total	14	13	14	19	12	8	3	3	6	16	5	10	123

TABLE E — *Continued*

Ward	1938 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
CEREBRO- SPINAL MENINGITIS													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	1	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	1	0	0	0	0	0	0	0	0	2
OPHTHALMIA NEONATORUM													
1	0	2	0	0	0	0	0	0	0	0	0	0	2
2	1	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	2	0	0	0	0	0	0	0	0	0	0	3
SUPPURATIVE CONJUNCTIVITIS													
1	0	0	0	0	0	0	0	1	0	0	0	0	1
2	0	1	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	0	1
Total	0	1	0	0	0	0	1	1	0	1	0	0	4
SEPTIC SORE THROAT													
1	0	0	0	0	0	0	0	0	0	0	0	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	1	0	0	0	0	0	0	0	1
9	0	1	0	1	0	0	0	0	0	0	0	0	2
10	1	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	1	0	0	0	0	0	0	0	0	1
Total	1	1	0	2	1	0	0	0	0	0	1	1	7

TABLE E — Continued

[illegible]

TABLE E—Continued

Ward	1938 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
BACILLARY DYSENTERY	1	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	1	0	1	0	0	0	0	2
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	1	0	0	0	0	0	2
TETANUS	1	0	0	0	0	0	1	0	0	0	0	0	1
	2	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	0	0	0	1
PELLAGRA	1	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	1	0	0	0	0	1
	3	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	1	0	0	0	0	1
MALARIA	1	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	1	0	0	0	1
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	0	0	0	1

TABLE G
DISEASES BY WARDS FOR YEAR, ALSO DENSITY OF POPULATION

1938	1	2	3	4	5	6	7	8	9	10	11	Total
Ward.....	18,159	13,582	9,596	9,416	10,183	9,897	8,912	7,370	12,034	10,773	11,254	121,176
Population.....	421.3	405.9	122.4	158.1	320.4	205.2	300.9	267.5	904.7	554.2	519.6	4180.6*
Area (acres).....	42	32	75	58	31	46	28	26	12	18	21	28.98
Density (per acre).....												
Diphtheria.....	0	2	4	0	0	0	0	0	0	0	0	6
Scarlet Fever.....	33	39	12	22	21	88	20	13	16	44	72	380
Measles.....	43	52	26	9	15	12	12	8	52	19	13	261
Chicken Pox.....	38	25	43	29	7	51	35	48	90	40	12	418
Whooping Cough.....	53	61	17	18	42	28	4	5	5	8	16	257
German Measles.....	4	6	0	1	2	1	4	1	7	4	2	32
Mumps.....	112	49	56	29	12	23	21	22	42	90	12	468
Typhoid Fever.....	1	0	0	0	0	0	0	0	0	0	0	1
Pulmonary Tuberculosis....	16	12	12	8	5	11	11	5	9	6	10	105
Hilum Tuberculosis.....	0	4	1	1	0	1	0	0	1	1	0	9
Other Forms of Tuberculosis	3	1	2	2	2	1	1	0	0	0	0	12
Lobar Pneumonia.....	16	16	14	12	10	4	3	9	6	12	11	123
Cerebrospinal Meningitis...	0	0	0	0	0	0	1	0	0	0	1	2
Ophthalmia Neonatorum...	2	1	0	0	0	0	0	0	0	0	0	3
Suppurative Conjunctivitis..	1	1	0	0	0	1	0	0	0	0	1	4
Septic Sore Throat.....	1	0	1	0	0	0	0	1	2	1	1	7
Bites of Animals.....	60	70	53	42	51	56	38	18	44	29	30	491
AnteriorPoliomyelitis.....	0	0	0	0	0	0	0	0	0	0	0	0
Paratyphoid B Fever.....	0	0	0	0	1	0	0	0	0	0	1	2
Contact with Rabid Animal..	0	0	0	2	0	0	0	0	1	0	0	3
Bacillary Dysentery.....	0	0	0	0	0	2	0	0	0	0	0	2
Tetanus.....	1	0	0	0	0	0	0	0	0	0	0	1
Pellagra.....	0	1	0	0	0	0	0	0	0	0	0	1
Malaria.....	0	0	0	0	0	0	0	0	1	0	0	1
Totals.....	000	000	000	000	000	000	000	000	000	000	000	0,000

* 6.53 square miles.

TABLE H
DIPHTHERIA (Morbidity by Months)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1929.....	23	14	15	7	3	9	7	13	6	10	15	19	141
1930.....	12	13	11	7	6	7	4	8	4	8	4	6	90
1931.....	7	2	..	4	4	4	1	1	1	1	7	21	53
1932.....	5	9	2	2	7	13	6	8	1	10	2	4	69
1933.....	5	2	3	5	9	2	7	6	1	2	5	3	50
1934.....	1	1	1	1	3	3	..	1	2	..	1	..	14
1935.....	..	..	..	..	..	2	..	..	..	..	..	..	2
1936.....	..	..	..	..	1	..	1	..	..	..	1	..	3
1937.....	..	1	..	..	..	..	..	..	1	..	..	1	3
1938.....	0	0	0	0	0	0	0	0	0	3	1	2	6

TABLE I
DEATHS BY MONTH AND WARD
(Exclusive of Stillbirths)

Ward	1	2	3	4	5	6	7	8	9	10	11	Non-Resident	Total
January.....	7	11	12	13	14	10	2	6	14	8	12	26	135
February....	11	15	6	10	4	11	8	6	3	6	6	27	113
March.....	11	11	10	9	6	12	5	4	4	10	4	23	109
April	12	10	7	4	9	5	8	8	8	9	8	29	117
May.....	11	13	7	13	11	7	8	7	8	3	5	36	129
June.....	9	13	10	4	5	8	8	4	5	8	7	23	104
July.....	7	7	11	6	7	6	5	5	8	4	5	32	103
August.....	10	4	3	5	8	7	1	1	4	8	9	14	74
September...	13	13	5	8	7	3	12	9	9	7	7	32	125
October.....	12	10	8	8	13	13	6	6	7	6	8	24	121
November...	8	8	9	7	7	7	10	10	12	7	8	31	124
December ...	10	13	11	9	9	10	9	5	4	10	10	27	127
Totals.....	121	128	99	96	100	99	82	71	86	86	89	324	1,381

DISEASES DANGEROUS TO THE PUBLIC HEALTH

DIPHTHERIA

Our good record for this disease was broken this year. We had 6 cases (an increase of 3 over the previous year) and we had one death. This is the first death since May 1933 and the reason for it was that the physician did not recognize the disease.

All 6 cases were not immunized. Three were 6 years of age, two 4, and the case that died 15 months.

TUBERCULOSIS

There was a slight increase in the death rates this year. The Cambridge resident rate was 43.73 while the city rate was 37.13.

SCARLET FEVER

This disease showed an increase over last year with 380 cases reported as against 327 the previous year. There was one death.

MEASLES

Measles increased over last year with 261 cases and only 128 for 1937 (over double the number). There was one death.

TYPHOID FEVER

There was one less case of typhoid reported this year than in 1937. Three cases and one death. One case came into the city with the disease. Of the 3 cases 2 were paratyphoid.

AUTOMOBILE ACCIDENTS

Twenty-three deaths from auto accidents. Of these seven were due to accidents outside the city but died in Cambridge.

COMMUNICABLE DISEASE (CONTROL) NURSES

Cases not released January 1, 1938.....	13
New cases for isolation.....	391
Cases released from isolation.....	197
Cases to hospitals.....	254
Original visits (including investigations).....	2,331
Subsequent visits.....	1,188
Number of new cases.....	2,457
Unreported cases found.....	435
New cases.....	2,457
Scarlet fever.....	380
Diphtheria.....	6
Measles.....	261
German measles.....	32
Chicken pox.....	418
Whooping cough.....	257
Mumps.....	468
Typhoid fever.....	1
Paratyphoid fever.....	2
Lobar pneumonia.....	123
Suppurative conjunctivitis.....	0
Septic sore throat.....	7
Cerebro spinal meningitis.....	2
Anterior poliomyelitis.....	0
Trichinosis.....	0
Pellagra.....	1
Tetanus.....	2
Malaria.....	1
Bacillary dysentery.....	2
Animal bites.....	491
Contacts with rabid dogs.....	3
Syphilis (lapsed cases).....	56
Subsequent visits.....	69
Gonorrhea (lapsed cases).....	25
Subsequent visits.....	19
Cases in isolation January 1, 1939.....	1

SCHICK CLINICS

(Diphtheria Immunization)

The following is a report of the work done in the Schick Testing and Diphtheria Immunization Clinics for the year ending December 31, 1938:

Total number of persons at clinics.....	6,336
Total number of persons Schicked.....	620
Total number of persons read.....	618
Total number of persons finished (three doses Toxoid).....	1,654
Six months to five years of age.....	956
Six years of age and over.....	698
Total number of persons read first time.....	23
Positive.....	31
Negative.....	9
Pseudo.....	1
Total number of persons read — reSchicked.....	595
Positive (T. A. T.).....	38
Negative.....	514
Pseudo.....	43
Total number of doses of Toxoid given.....	5,098
Total number of clinics held.....	345

SCHICK CLINICS (Yearly Report)

January 1 to December 31, 1938

Clinic	Finished		Toxoid	Schicked	Read	Readings			Number at Clinics	Number of Clinics
	Pre-school	School				Positive	Negative	Pseudo		
City Hall	92	22	290	14	19	..	18	1	318	53
Haggerty	33	...	105	2	2	..	2	..	109	12
Morse	40	25	217	4	3	..	3	..	224	17
Putnam	60	62	379	28	28	..	25	3	435	30
Sleeper	139	10	480	6	5	..	5	..	491	22
Lowell	27	13	135	22	28	6	20	2	185	13
Ellis	1	...	11	5	5	1	4	..	21	4
Fletcher	19	24	87	2	2	..	2	..	91	5
Wellington	14	13	91	7	7	..	7	..	105	6
Thorndike	23	45	215	16	16	2	13	1	237	5
Longfellow	11	49	184	47	47	..	47	..	278	6
Willard	13	18	95	19	19	2	16	1	133	8
Russell	8	8	70	..	..	..	..	..	70	5
Gannett	13	8	64	12	14	..	14	..	90	7
Abraham Lincoln	13	14	82	22	19	..	18	1	123	6
Roberts	38	68	249	29	24	1	21	2	302	6
Kelley	68	20	279	10	8	1	7	..	297	20
Houghton	53	28	287	25	27	2	23	2	229	20
Newtowne Ct.	53	4	189	10	9	1	8	..	208	11
Agassiz	24	11	122	3	3	..	3	..	128	11
Neighborhood House	15	..	59	..	..	..	..	..	59	6
Peabody	16	16	79	19	18	3	12	3	116	4
Webster	9	3	31	4	5	..	5	..	40	5
St. Peter's	31	19	159	67	64	3	54	7	290	7
St. Paul's	2	19	61	22	24	4	18	2	107	6
St. Mary's	54	91	458	..	2	..	2	..	460	9
St. John's	26	25	149	84	72	15	49	8	305	6
St. Francis'	1	11	31	17	17	2	12	3	65	5
Sacred Heart .....	...	1	2	..	..	..	..	..	2	1
Immaculate Conception	3	2	20	3	3	..	3	..	26	5
St. Vincent's	5	2	23	25	25	2	22	1	73	4
St. Hedwig's	4	10	43	14	14	2	12	..	71	5
Our Lady of Pitre	30	31	184	44	46	3	36	7	274	8
Blessed Sacrament	18	36	163	28	29	1	28	..	220	8

IMMUNIZATIONS BY AGE (PRE-SCHOOL AND SCHOOL) AND WARD

1938

Wards	Under 1	1	2	3	4	5	Pre- School	6	7	8	9	10	School	Total
1.....	25	16	11	12	36	53	153	73	57	22	14	5	171	324
2.....	22	18	28	15	36	48	167	74	25	33	10	15	157	324
3.....	16	10	4	9	8	28	75	21	28	8	4	5	66	141
4.....	14	2	2	4	7	10	39	12	13	9	3	1	38	77
5.....	12	12	5	3	5	36	73	37	8	7	3	3	58	131
6.....	18	10	5	6	7	30	76	25	15	5	7	4	56	132
7.....	8	12	4	1	4	7	36	8	5	4	3	..	20	56
8.....	...	1	2	1	3	12	19	9	5	6	4	1	25	44
9.....	12	10	10	12	7	24	75	8	1	3	..	..	13	88
10.....	21	9	6	3	6	36	81	9	4	6	1	1	21	102
11.....	49	20	18	9	18	48	162	32	19	10	5	7	73	235
	197	120	95	75	137	332	956	308	180	113	55	42	698	1,654

INFANT WELFARE NURSE

The work of this division has been carried on as in former years, with the addition of Diphtheria Prevention Clinics being held within the Infant Welfare Clinics, at the following places:

Haggerty School, Cushing Street	Mondays,	2.30 p.m.—4.00 p.m.
Morse School, Brookline and Allston Streets	Mondays,	2.30 p.m.—4.00 p.m.
Putnam School, Fourth and Otis Streets	Tuesdays,	2.30 p.m.—4.00 p.m.
Sleeper School, Dudley Street	Wednesdays,	1.30 p.m.—4.00 p.m.
Neighborhood House, Moore and Harvard Streets	Wednesdays,	1.30 p.m.—4.00 p.m.
Kelley School, Willow Street	Thursdays,	1.30 p.m.—4.00 p.m.
Houghton School, Putnam Avenue and Magee Street	Fridays,	2.30 p.m.—4.00 p.m.
Agassiz School, Sacramento and Oxford Streets ..	Fridays,	2.30 p.m.—4.00 p.m.

The division is grateful to the following doctors for their gratuitous services: Dr. Samuel Chalfen, Dr. Samuel Clement, Dr. Myer Marlin, Dr. Maurice Duchin, Dr. Harold Rudy, Dr. Albert Poirier, Dr. Jacob L. Rudd, Dr. Alexander Mahlowitz, Dr. Philip Shea, Dr. Jacob Factor, and to the various social agencies and private individuals for their coöperation and aid in this work.

A detailed report of the work is submitted herewith; also the infant mortality rate for the past ten years, and mortality by age groups.

INFANT MORTALITY UNDER ONE YEAR

(Per 1,000 live births)

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Number of births .	2,665	6,606	2,476	2,459	2,273	2,261	2,253	2,187	2,168	2,223
Number of deaths .	147	121	129	141	105	103	125	101	116	84
Rate	55	46	52	56	46.2	45.6	55	46.1	53	37.8

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Deaths										
Within 24 hrs.	41	30	45	56	26	22	36	27	43	34
24 hrs. to week	24	25	28	22	26	19	20	18	14	22
1 wk. to 1 mo.	21	19	11	14	15	15	26	14	17	5
1 mo. to 1 yr.	61	47	45	49	38	47	43	42	42	23
Stillbirths . . .	118	92	80	71	84	64	57	61	58	48

ANNUAL REPORT OF INFANT WELFARE — 1938

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Home visits.....	518	733	738	672	685	695	581	566	437	700	595	559	7,279
New cases.....	112	83	97	67	70	69	51	102	93	103	92	89	1,028
Breast fed.....	33	19	30	27	19	21	17	45	34	30	37	35	347
Bottle fed.....	65	52	60	27	40	33	24	44	50	58	41	37	531
Breast and bottle fed.....	14	12	7	13	11	15	10	13	9	15	14	17	150
Closed cases.....	32	51	70	67	100	128	63	134	88	176	162	37	1,108
Babies over one year.....	22	41	55	50	70	98	54	111	68	136	126	28	859
Moved.....	8	9	15	16	28	28	8	21	18	35	34	9	229
Died.....	2	1	0	1	2	2	1	2	2	5	2	0	20
Ophthalmia.....	0	0	1	0	0	0	0	0	0	0	0	0	1
Conjunctivitis.....	0	0	1	0	0	0	1	0	2	0	0	0	4

Number on visiting list January 1, 1938.....	998
Number on visiting list January 1, 1939.....	1,939

CLINICS

	Kelley	Putnam	Sleeper	Haggerty	Houghton	Morse	Agassiz	Neighborhood House*	Sleeper Pre-School
Number of clinics	51	51	49	44	51	49	50	51	52
Total attendance	3,656	1,214	2,714	459	1,426	1,055	427	1,349	1,387
Total new cases	372	137	196	46	155	145	65	179	176
Pre-school group transferred	442	164	.....	.....	.....	.....	.....	.....	.....
Registered	698	391	335	69	193	95	127	128	517
Closed cases . . . . .	.....	.....	166	29	263	130	73	138	144

Total number of baby clinics	396
Total attendance (visits)	12,300
Total registered	2,036
Total new cases	1,295
Total closed cases	1,385

* Pre-school clinic here discontinued.

SCHOOL MEDICAL INSPECTION

In the annual thorough physical examination at the opening of the fall session there were 21,898 physical examinations of the public and parochial school children. Of this number, 7,472 showed 8,845 defects.

Adequate facilities for the correction of tonsils and adenoids especially are still lacking. Of the 5,236 cases of tonsils and adenoids found and recommended removed, only 903 were corrected, while of the 10,310 cases of defective teeth but 3,439 were found corrected upon subsequent examination.

A more detailed report of the defects found, and corrections, will be found as a part of this report.

Tonsils and adenoids.....	5,236	Asthma.....	6
Pediculosis.....	232	Jaundice.....	1
Otitis Media.....	7	Empyema.....	1
Alopecia Aseata.....	1	Furunclosis.....	4
Cardiac.....	401	Ankylosis.....	1
Rales (Lungs).....	24	Mental retarded.....	1
Impetigo.....	35	Appendix.....	1
Scabies.....	12	Wry neck.....	1
Eczema.....	10	Nasal discharge.....	2
Derinalitis.....	25	Mumps.....	1
Ringworm.....	1	Measles.....	1
Acne.....	123	Comedones.....	2
Herpes.....	4	Desquarnatum.....	1
Warts.....	2	Abrasions.....	1
Cervical Glands.....	612	Infections.....	1
Thyroid.....	6	Injuries.....	4
Pituitary Glands.....	7	Old paralysis.....	6
Obesity.....	13	Old rickets.....	2
Glandular Disturbance.....	18	Deaf.....	2
Strabismus.....	67	Cyst.....	1
Hordeolem.....	20	Birth mark.....	1
Blepharatis.....	23	Epilepsy.....	1
Defectus vision.....	26	Nerves.....	3
Loss of eye.....	2	Teeth.....	216
Ptosis of Lid.....	3	Exophthalmia.....	8
Conjunctivitis.....	14	Fractures.....	3
Hare lip.....	3	Tonsillitis.....	1
Cleft palate.....	3	Posture.....	928
Malnutrition.....	116	Orthopedic.....	477
Bronchitis.....	76	Artificial leg.....	2
Anemia.....	7	Questionable.....	24
Hernia.....	1		

DEFECTS FOUND

Tonsils.....	5,236
Teeth.....	10,310
Ears.....	414
Vision.....	1,412
Pediculosis.....	955

CORRECTED CASES

Teeth	3,439
Tonsils	903
Vision	1,082
Pediculosis	589
Number of State notices sent to parents	5,405
Number of children weighed (Webster, Morse and Houghton not weighed) ..	13,970
Number of children underweight	1,626

WORK CERTIFICATE CLINICS

Number examined	51
Old cases	2
New cases	49
Boys	37
Girls	14
Defective children	24
Defects found	0
Tonsils	6
Teeth	11
Vision	7
Acne	4
Pediculosis	1
Deferred a few days	3

CASES CORRECTED

Pediculosis	1
Tonsils	2
Vision	2

DENTAL EXAMINATIONS

(Annual Survey, Dentists)

Number examined	1,971
Apparently perfect teeth	636
Good teeth	263
Urgent cases	251
Orthodontia	5
Fillings	575
Cleanings	732
Extractions	852
Nutrition cases	3

SCHOOL NURSES' REPORT

Number of visits at school (public and parochial)	4,950
Number of inspections	152,769
Number of sanitary inspections	3,009
Number of visits to classrooms	4,107
Total number of exclusions	1,556
Pediculosis	446
Skins	154
Symptoms of communicable diseases	188
Colds	662
Miscellaneous	552
Number referred to school physician	538
Number referred to family physician	908
Number referred to Clinics	765
Number referred to Board of Health	28
Time spent (hours)	7,995 $\frac{3}{4}$
Office work — clerical work — time spent (hours)	1,647 $\frac{1}{4}$
Number of consultations	134,768
Number of teachers	17,186
Number of parents	8,151
Number of pupils	31,234
Time spent (hours)	1,287 $\frac{1}{2}$
Number of first aid treatments	6,482
Time spent (hours)	14
Number of homes	8,167
Number of children	17,623
Time spent (hours)	4,018 $\frac{3}{4}$
Health Education:	
Classroom talks	712
Meetings attended	30
Time spent (hours)	71
Clinics (including Schick clinics)	589
Tonsils and adenoids (cases)	321
Vision	514
Medical	284
Surgical	348
Time spent (hours)	1,467 $\frac{1}{2}$
(See Schick Clinic for report)	

TEACHER STATEMENTS

Number examined 2,875	Number Defective Children 2,191	Number O.K. 684	Number Defects 2,254
Chorea.....	2	Auaphylatic.....	1
Hernia.....	1	Anemia.....	2
Colds.....	58	Cyst.....	1
Pediculosis.....	22	Pleuritis.....	1
Impetigo.....	254	Erysipelas.....	1
Scabies.....	27	Blister.....	7
Cervical glands.....	96	Bronchitis.....	28
Conjunctivitis.....	69	Epistaxis.....	2
Injuries.....	495	Hordoleum.....	9
Eczema.....	85	Neuritis.....	1
Tonsillitis.....	45	Blepharitis.....	2
Pharyngitis.....	50	Arthritis.....	2
Laryngitis.....	1	Hematoma.....	1
Appendix.....	11	Insect bites.....	2
Furuncle.....	52	Nail in foot.....	3
Burns.....	11	Dog bites.....	5
Deaf.....	2	Gaugalin.....	1
Indigestion.....	29	Neuralgia.....	7
Infections.....	86	Septum.....	1
Abscess teeth.....	9	Nerves.....	1
Tonsils.....	88	Malaise.....	2
Cardiac.....	72	Lungs.....	1
Ringworm.....	29	Constipation.....	2
Dermatitis.....	49	Fracture.....	1
Acne.....	15	Nausea.....	2
Psoriasis.....	1	Contacts.....	17
Herpes.....	56	Splinter.....	1
Cellulitis.....	2	Gastritis.....	23
Rash.....	3	Wax in ear.....	1
Irregular heart.....	1	Rhinitis.....	1
Wen.....	1	Erythema.....	2
Jaundice.....	2	Red throat.....	7
Poison Ivy.....	2	Cancer.....	1
Warts.....	4	Hay fever.....	1
Shingles.....	1	Ecclyonosis.....	1
Pulsug.....	3	Otorrhea.....	1
Mumps.....	21	Epedermophytoses.....	2
Whooping cough.....	13	Negative.....	1
Chicken Pox.....	9	Contusions.....	22
Malnutrition.....	33	Scarlet fever.....	1
Otitis media.....	38	Measles.....	2
Abrasions.....	13	Asthma.....	1
Meiboman.....	1	Wryneck.....	1
Eye strain.....	2	Athletic feet.....	1
Foreign body in eye.....	13	Vaccination.....	1
Orthopedic.....	9	Adenitis.....	1
Sinus.....	3	Stiff neck.....	4
Headache.....	2	Seborrhea.....	1
Questionable.....	172	Utricularia.....	11

DENTAL SURVEY, 1938

SCHOOLS	Number Examined	Appar. Perfect Teeth	Good Teeth	Urgent Cases	Ortho- dontia	Fillings	Cleanings	Extrac- tions	Nutrition Cases
Putnam.....	403	5	41	..	..	357	392	133	..
Thorndike.....	589	4	82	6	..	324	483	201	..
Sacred Heart	328	1	34	..	..	293	326	11	..
St. Hedwig.....	176	..	24	..	..	152	170	37	..
St. Francis.....	267	..	27	..	..	230	264	94	..
Total.....	1,763	10	208	6	..	1,356	1,635	576	..
Gannett.....	113	6	18	..	..	88	107	22	..
Wellington.....	618	73	117	..	..	412	524	127	..
Kelley.....	491	47	111	1	..	307	434	141	..
Fletcher.....	392	43	88	..	..	224	312	83	..
Immaculate Conception...	117	11	26	..	..	69	104	30	..
Total.....	1,731	180	360	1	..	1,100	1,481	403	..
Webster.....	608	26	146	11	9	428	562	175	..
Willard.....	403	74	17	42	16	297	383	139	2
Morse.....	499	88	75	54	29	308	489	153	..
Blessed Sacrament.	793	122	45	79	57	540	749	300	1
Total.....	2,303	310	283	186	111	1,573	2,183	767	3
Russell.....	700	46	25	5	..	379	392	227	..
Haggerty.....	308	22	102	2	..	163	174	126	..
Lowell.....	53	3	18	..	..	36	43	21	..
Peabody.....	453	27	266	..	1	160	150	116	..
St. Peter.....	722	28	265	9	..	389	397	332	..
Total	2,236	126	676	16	1	1,127	1,156	822	..
Houghton.....	715	44	253	6	1	398	585	104	..
St. Paul.....	614	13	276	16	1	311	502	104	..
Agassiz.....	379	29	123	8	3	214	217	85	..
Longfellow.....	909	36	320	10	5	482	614	182	..
Total.....	2,617	122	972	40	10	1,405	1,918	475	..
St. Mary.....	1,304	57	202	..	..	495	840	391	..
Roberts.....	924	79	55	2	..	235	555	481	..
Total.....	2,228	136	257	2	..	730	1,393	872	..
Ellis.....	294	105	52	..	..	64	147	85	..
Sleeper.....	177	64	13	..	1	54	17	56	..
Wyman.....	53	10	4	..	..	20	11	23	..
St. John.....	972	275	171	..	..	274	368	404	..
Abraham Lincoln..	260	104	23	..	4	44	40	97	..
Out Lady of Pity ..	215	78	..	..	..	119	149	188	..
Total.....	1,971	636	263	..	5	575	732	852	..
Grand Total....	14,849	1,520	3,019	251	127	7,866	10,698	4,767	3

EXCLUSIONS FOR 1938

January to December 31, 1938	PHYSICIAN	Exclusion cards	Children excluded	Impetigo	Scabies	Ringworm	Mumps	Chicken Pox	Measles	Scarlet Fever	Whooping Cough	Contacts	Pediculosis	Conjunctivitis	Infections	Questionable	Tonsillitis	Peeling	Grippe	Pharyngitis	Poison Ivy
Dr. Barnes.....	10	12	5	..	..	..	..	..	..	1	..	..	4	2	..	..	..	..	..	..	..
Dr. Boyle.....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Dr. Chalfen.....	11	17	6	..	..	1	2	1	1	..	..	..	5	..	..	..	..	..	..	..	..
Dr. Downey.....	17	20	3	5	4	1	4	..	1	2	..	..	1	1	..	..	2	2	..	..	..
Dr. Dressler.....	47	76	61	5	4	1	4	..	..	..	..	..	1	..	..	..	1	1	1	..	..
Dr. Fair.....	12	27	17	4	..	..	..	..	..	..	..	..	1	..	..	2	1	..	..	..	..
Dr. Green.....	9	18	6	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	9	..
Dr. Hutchinson.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dr. Marlin.....	28	40	32	3	..	3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1
Dr. Nelligan.....	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dr. Wadden.....	4	8	7	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dr. White.....	22	29	18	1	4	..	..	1	..	..	1	..	..	1	..	1	2	..	..	..	..
Dr. Cahill.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	161	248	155	19	16	8	16	2	1	3	2	1	11	4	1	4	6	4	1	9	1

ANNUAL REPORT OF THE DENTAL CLINICS

Patients:

Old cases.....	1,702
New cases.....	3,429
Total.....	5,131
Cases discharged.....	2,008
Cases continued.....	3,123

Treatments:

Number of children examined*.....	14,849
Number of visits.....	15,434
Number of fillings.....	8,646
Number of extractions.....	8,654
Number of treatments.....	6,281
Number of free cases.....	2,146
Amount of money received.....	\$563.35

* Annual survey.

TUBERCULOSIS DISPENSARY

Total attendance for the year ending December 31, 1938, 1,734. Number of new cases, 304. Divided according to sex, they are as follows: Male 141, Female 163.

The relative ages of new cases follow:

Oldest patient.....	62
Youngest patient.....	6/12
Under 15 years of age.....	153
Between 15 and 20 years of age.....	33
Between 20 and 30 years of age.....	47
Between 30 and 40 years of age.....	34
Between 40 and 50 years of age.....	24
Between 50 and 60 years of age.....	11
Between 60 and 70 years of age.....	2

Diagnosis of new cases:

Positive cases.....	60
Arrested cases.....	11
Suspicious cases.....	23
Negative cases.....	201
Deferred cases.....	40
Original cases.....	26

The clinical forms of tuberculosis were classified as follows:

Pulmonary.....	42
Childhood.....	13
Other forms.....	5

The ages, in decades, of the positive cases follow:

Under one year.....	1
1 to 10 years.....	8
10 to 20 years.....	10
20 to 30 years.....	13
30 to 40 years.....	14
40 to 50 years.....	10
50 to 60 years.....	5
Total.....	60

TUBERCULOSIS FIELD NURSES

Reported cases (1937):

New cases reported.....	126
Died.....	26
Moved out of town.....	8
Gone to hospitals.....	62
Disappeared.....	0
To visiting list.....	20
Private physician attending.....	10

Visiting list (home):

Cases brought forward.....	972
Cases admitted.....	20
Returned patients from hospitals and sanatoria.....	37
Total admission to list.....	1,029
Died.....	19
Gone to hospitals and sanatoria.....	39
Moved out of town.....	23
Disappeared.....	0

On visiting list today..... 948

Home visits (original).....	114
Home visits (subsequent).....	3,480
Total home visits.....	3,594

Predisposed or suspected cases from last year.....	222
Dropped.....	10
New cases on list.....	8

Cases reported after death..... 3

Cases diagnosed as arrested during year..... 11

Total cases on record (visiting list and otherwise)..... 1,087

TIME ELAPSING BETWEEN "REPORT" AND "DEATH"

(1938 DEATHS.....45)

Cases reported after death.....	3
Seven days or less.....	2
Eight to fourteen days.....	2
Fifteen to twenty-one days.....	1
Twenty-two to thirty-one days.....	3
Within first month.....	8
Within second month.....	4
Within third month.....	6
Within fourth month.....	1
Within fifth month.....	1
Within sixth month.....	2
Sixth to ninth month.....	5
Ninth to twelfth month.....	2
One to two years.....	3
Over two years.....	10

(DISSEMINATED)

Eighteen days..... 1

TUBERCULOSIS SANATORIUM

(799 Concord Avenue, Overlooking Fresh Pond)

On January 1, 1938, there remained in the sanatorium from the previous years, 57 patients. During the year we admitted 60 patients and readmitted 49, making a total of 166 patients treated in the year of 1938.

RESIDENTS

Of the 57 patients remaining in the sanatorium on January 1, 1938 from the previous years, 29 were patients of 1937; 10 of 1936; 4 of 1935; 1 of 1934; 1 of 1933; 2 of 1932; 2 of 1930; 3 of 1929; 1 of 1928; 2 of 1926; 1 of 1925; 1 of 1917.

1917. One case of chronic tuberculosis; went home, quiescent.

1925. One case of chronic phthisis; quiescent.

1926. Two cases of chronic phthisis; still resident.

1928. One case of chronic phthisis; went home, quiescent.

1929. Three cases of chronic phthisis; one died, one went home, quiescent, one still resident.

1930. Two cases of chronic phthisis; one transferred to Pondville for cancer of throat, later readmitted and died here; one still resident.

1932. Two cases of chronic phthisis, one died, one still resident.

1933. One case of chronic phthisis; still resident.

1934. One case of chronic phthisis; discharged to home, quiescent. Able to work.

1935. Four cases of chronic phthisis; two still residents, two discharged to homes, quiescent. Able to work.

1936. Ten cases of phthisis; one transferred to Lakeville Sanatorium; one discharged against advice; one died; four discharged to home, quiescent; three still resident.

1937. Twenty-nine cases of phthisis; eight were discharged to their homes quiescent; one discharged and readmitted later in year; six died; one transferred to Tewksbury; one discharged non-tubercular; two went home against advice; ten are still resident.

NEW CASES

During the year 1938, we admitted sixty new cases.

READMISSIONS

Twenty-one of the readmissions during 1938 were transfers to and from the Cambridge City Hospital where they had been sent for various treatments; some were readmitted more than once. One case of 1917 readmitted from home, later discharged, quiescent. Two cases of 1928 still quiescent. One case of 1929 is still resident. Three cases of 1930: one died, two discharged to their homes quiescent. One case of 1931 died. Two cases of 1932: one still resident, one discharged to home against advice, died later. Four cases of 1933: two were discharged quiescent, one died, one still resident. One case of 1934 still resident. Twelve cases of 1936: one discharged quiescent, later readmitted, two cases discharged quiescent, one went to work, one discharged for infraction of rules, three cases still resident. The remaining four were transfers and later admitted. Nine cases of 1937: one transferred to Tewksbury; two died, two were discharged to work quiescent, three still resident. Ten cases of 1938: two cases left against advice, five cases still resident, two cases discharged home quiescent, one died.

SPUTA

There were four hundred and fifty-four sputa examinations; two hundred and forty-one were positive, two hundred and thirteen were negative during the year.

PNEUMOTHORAX

There were seven hundred and seventy-three pneumothoracies in 1938, on an average of sixty-five a month; there were nineteen house patients and fourteen out-patients. Of the house patients, ten stopped, three refused, one was transferred. Out-patients, five stopped. Fluid was aspirated from seven patients.

NATIONALITY

American.....	41	French.....	2	Swedish.....	1
Canadian.....	3	English.....	2	Portuguese.....	2
Irish.....	3	Lithuanian.....	1	Polish.....	1
Jewish.....	1	Italian.....	1	Negro.....	2

OCCUPATION

Unemployed.....	26	Salesman.....	2	Salesgirl.....	1
Seaman.....	1	Housewife.....	7	Laundry Presser....	1
Stone Cutter.....	2	Mill worker.....	1	Student nurse	1
Laborer.....	3	Chauffeur.....	3	WPA worker.....	5
Interior decorator .	1	Machine operator ..	1	Assistant eustodian.	1
Elévator operator..	1	Student.....	1	Painter.....	1
				Clerk	1

STAGES

Of the sixty cases admitted, four were minimal cases; ten were moderately advanced; and forty-six were advanced cases. Thirty-seven cases were male, twenty-three cases were female.

Ages.....	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Cases.....	0	7	17	18	11	4	3

Social status: married, twenty-six; single, twenty-six; widowed, six; divorced, two.

Nativity: twenty-six were born in Cambridge, sixteen born in Massachusetts, eight born elsewhere in the United States, ten were born in foreign countries.

SOURCE

Twenty gave history of one or more cases in the immediate family. Of the remaining forty no source of contagion could be established.

OPERATIONS

- One had tonsillectomy at Cambridge City Hospital.
- One had hemorrhoidectomy at Cambridge City Hospital.
- One had first stage thoracoplasty at Corey Hill Hospital.
- One had pneumolysis at Corey Hill Hospital.
- One had operation for varicose veins at Cambridge City Hospital.
- One had operation for perforated stomach ulcer at Cambridge City Hospital.
- Four phrenicectomies at Cambridge City Hospital.
- Three were treated for rib work and intubing.
- Three were treated for tuberculosis of throat.
- Four patients were admitted to the Cambridge City Hospital for G. I. Series.

X-RAYS

One hundred and ninety cases were X-rayed at the Cambridge City Hospital in the year 1938.

AVERAGE HIGHEST AND LOWEST NUMBER
OF PATIENTS

	<i>High</i>	<i>Low</i>	<i>Aver.</i>		<i>High</i>	<i>Low</i>	<i>Aver.</i>
January.....	58	52	52	July.....	62	59	61
February.....	55	52	54	August.....	64	60	61
March.....	62	55	58	September.....	64	57	62
April.....	67	61	63	October.....	60	51	54
May.....	69	64	67	November.....	56	52	53
June.....	66	59	62	December.....	58	55	56

Total number of patient days, 21,525 in 1938.

DENTAL CLINICS

Eighteen went to the dental clinics for treatment and extraction. Sets recommended were purchased.

EYES

Ten patients went to the eye clinics; glasses were recommended and purchased.

COMPLICATIONS

Asthma.....	3	Diabetes.....	3	Syphilis:	
Non-tubercular....	2	Phlebitis.....	2	Positive.....	8
Tubercular throat .	7	Tubercular enteritis	10	Unsatisfactory...	2
C.A. lung.....	1	Kidney.....	3	Hemorrhage.....	5
Acute pneumonic		Cardiac.....	5	Ulcers.....	5
tubercular.....	10				

DISCHARGES

Eighteen went home on request "against advice." Twenty-two went home arrested cases, condition quiescent. Four were discharged condition same. Twenty-six were discharged dead. Some of the patients discharged against advice were later readmitted.

ANNUAL REPORT OF THE OCCUPATIONAL
THERAPY DEPARTMENT

The Department of Occupational Therapy was given its appropriation from the city in January, 1938, with Mrs. Elinor Black engaged as therapist for two days a week. Previous to this

date she had been doing volunteer service at the hospital. In October, 1938, Mrs. Black's place was taken by Miss Dorothy Buzelle, the present therapist.

To date between 50 and 60 patients have been served by the Department. At the time of this writing 24 are actively engaged in work and several more have asked to be allowed to do projects. Each patient is approved and signed for by the superintendent or a doctor and the length of time prescribed for work is written on a card and filed for reference.

While the men have been engaged chiefly in leather work, the women have taken up a greater variety of activities: copper tooling, weave-it work, appliqued peasant belts, crocheting, tatting, blockprinting, patchwork quilts, rake knitting, embroidery, and miscellaneous novelties.

These projects have benefited the patients in many ways. Not only has the work given them something to think about, and so kept many from worrying over their troubles, but it has been a means of stimulating interest which reacts on the physical health of the patients. A number have shown evidence of eating and sleeping better after taking up this work. In others, circulation has been improved through the moderate exercise offered in the execution of simple projects. Patients who were definite personality problems to nurses and other patients have shown considerable improvement after starting work. During December satisfaction was derived by all patients from the making of attractive and inexpensive gifts. Incidentally, a number were able to make quite a bit of pin money through the sale of some of their work. The Hallowe'en and Christmas parties afforded all an opportunity to plan games and execute decorations, thus giving patients a feeling of responsibility for their own entertainment.

In the future we hope to introduce a greater variety of activities on both male and female wards. Most attractive and finished looking projects can be executed in the fields of metal work and jewelry, woodwork, reed, etc. Vocational work such as typing, shorthand, caning, etc. can be developed, educational and recreational programs expanded. It is to be hoped that eventually we can begin to work out long-time programs of rehabilitation for each patient, beginning with the simplest handicraft projects, and taking them through increasingly difficult ones to prevocational activities and plans for work or further education after discharge.

Installed as an experiment, the Department seems at present to be a necessary form of treatment rather than a luxury, and it is to be hoped that it can be put on a permanent basis.

ANNUAL REPORT OF SCHOOL WORK AT CAMBRIDGE SANATORIUM

There were three grammar school graduates in the class of 1938 at the Sanatorium. It is interesting to note that these three graduates have eight children among them, all of whom are in the Cambridge public schools today. Seven are in grammar school and one is a student at Rindge Technical School.

There are three candidates for grammar school diplomas in the class of 1939. Five high school pupils are working for credit. Three high school graduates are interested in courses for their future advancement.

Miss Corinne Crowley (senior at St. Regis College) is assisting the teacher by supervising the study of English grammar with the grammar and high school patients.

In addition to working individually with the above mentioned patients, the teacher has introduced games of a stimulating and informative nature in the wards. These bring the teacher in contact with the other patients at the hospital. Series of ten and twenty Quizz Contests, with twenty-five questions in each series, have been given. All questions could be answered by one word. Another word game, called "Split in the Ocean," was popular. Scores of all participants in the games and quizzes have been kept. Games of an educational nature serve a two fold purpose — they are informative and diverting.

Publication of the hospital newspaper, *Cam San News*, is another phase of the teacher's work.

When possible the bringing in of speakers, representing various fields of activity, has been done.

Spelling bees and discussion of current events have been another interesting feature for the patients.

Helping the patients overcome their timidity is another phase of the teacher's work. There are some without the benefits of even an elementary education, who are eager to learn if properly encouraged.

The teacher is often called on to assist patients in obtaining

their naturalization papers. Here is an opportunity to give training in citizenship. There is one such case at the hospital this year, the patient having just secured his first papers.

SOCIAL WORKER

The report of the Social Worker for the year ending December 31, 1938 is as follows:

Visits made during the year	1,903
Settlements determined (as listed below)	644
State cases	221
Cambridge cases	204
Other cities and towns	91
State sanatorium applications	55
Out-of-town notices	73
Bills investigated and approved for payment from out-of-town boards of health	91
Bills investigated and disapproved for reason that families were financially able to pay	23
Patients to clinics at Cambridge City Hospital (visits)	224
Patients taken to State Sanatoria	16
(North Reading, 9; Lakeville, 4; Rutland, 1; Tewksbury, 2)	
Concerts provided at the Tuberculosis Hospital	30

The Department is grateful to the several organizations, firms, and individuals for their continued contributions in a material way toward the comfort and pleasure of the patients at the Tuberculosis Hospital.

BACTERIOLOGIST AND MILK INSPECTOR

I hereby submit my report for the period ending December 31, 1938. Number of examinations made during the year 7,806, divided as follows: 1,670 bacteriological examinations consisting of throat cultures for diphtheria, sputums for tuberculosis and pneumonia, bloods for typhoid, smears for gonorrhea, and Vincent's Stomatitis. Also cultures for streptococcus and 22 urines were examined. 1,836 samples of milk taken from dealers' wagons or trucks were examined for butter fat. 1,447 samples of milk taken from dealers' wagons examined for amount of bacteria.

Bacteria in milk estimated through using the official plate count method of the American Public Health Association. 911 samples of milk were taken from stores and 217 from restaurants in which there were seven samples found below the legal standard for butter fat.

There were three court cases during the year with \$15.00 in

finer imposed. 69 samples of milk from stores were examined for bacteria. 62 samples of cream from dealers, 92 from stores were examined for butter fat content. 80 samples of cream from dealers, 58 from stores were examined for bacteria content, of which two were found to contain more bacteria than the legal requirements allowed. 105 samples of ice cream were examined for butter fat and 104 for bacteria and all found of good quality. 36 samples of butter were found all right. 24 samples of vinegar were found of legal strength of acetic acid.

954 samples of milk were examined from milk plants during the year in which the quality was checked by bacterial counts; resazurin test and smears were made of part of the samples for streptococci, mastitis, etc. 45 samples were taken from hospitals and 16 from schools. 37 samples of Grade A milk contained more than 10,000 bacteria per c.c.

1,182 store inspections were made during the year as to the proper conditions for storing milk for sale.

Three stations in Cambridge distributed milk to Welfare and WPA people. This milk consisted of the surplus supply purchased by the Government, the processing expense being paid for by the city. Nearly 1,000 quarts a day have been distributed since the summer months. All of this milk contained at least 3.7 per cent butter fat and has been consistently low in bacteria.

210 dairy farms were inspected during the year and scored according to forms used by State Agricultural Inspectors and the Milk Regulation Board. Several were reinspected and 12 were stopped from selling milk or placed on cream production. Creameries to which this milk was taken for shipping to dealers in Cambridge from Vermont and Maine were inspected and several improvements were made.

All ice cream manufacturing establishments and milk plants pasteurizing milk in Cambridge are checked several times a year as to their sanitary conditions and the products are tested.

There were 102 dealers licensed to sell milk during the year. 517 stores, 265 restaurants, 106 oleomargarine and 21 ice cream licenses were issued during the year. Also three pasteurization licenses were issued.

Fees collected during the year amounted to \$1,076.50.
Following report is of the bacteriological work according to each month:

1938	Diphtheria Diagnosis		Diphtheria Release		Sputa for Tuberculosis		Typhoid		Othe Exam	Out of Town, Misc.
	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Gonorrhea	
January.....	0	20	0	0	16	33	0	2	66	6
February.....	0	14	0	0	0	20	0	3	45	2
March.....	0	11	0	0	22	54	0	1	65	3
April.....	0	24	0	0	3	17	0	2	45	5
May.....	0	18	0	0	18	25	0	4	43	1
June.....	0	49	0	0	32	43	0	5	64	3
July.....	0	8	0	0	23	22	0	7	50	6
August.....	0	8	0	0	34	30	1	3	46	16
September.....	0	3	0	0	29	47	2	11	42	1
October.....	1	24	0	2	11	19	0	2	58	4
November.....	0	17	0	3	25	28	0	3	55	2
December.....	0	31	0	4	61	54	0	2	56	4
Total.....	1	227	0	9	274	392	3	45	635	53

Vincent's Stomatitis..... 8
Streptococci..... 23
Pneumonia, Type 3..... 1

INSPECTION OF FOOD PROVISIONS AND SLAUGHTERING

The plants manufacturing candy, chocolate, bakery goods, mayonnaise are inspected at regular intervals, and except for minor infractions in a few cases the conditions are excellent.

A close watch is always kept on stores handling fish, and much of our time is consumed on this one product. A detailed account of the fish condemned and destroyed accompanies this report to show the importance of a strict inspection of this food.

Taverns and restaurants with licenses to sell alcoholic beverages to be drunk on the premises are all equipped with hot water facilities, and as a result an adequate amount of hot water is always on hand for the use of washing glasses, dishes, and utensils. These places are inspected regularly.

The slaughter houses and poultry slaughter houses are visited regularly and cause but little trouble.

Following is a detailed report of inspection and condemnation:

INSPECTION OF SLAUGHTERING MEATS CONDEMNED

Fresh Pork	286 pounds
Fat Pork	166 pounds
Canned Beef	207 pounds
Lamb	366 pounds
Sausage	97 pounds
Beef	551 pounds
Poultry	591 pounds

FISH

Cod	237 pounds
Haddock	969 pounds
Halibut	204 pounds
Salmon	37 pounds
Flounders	66 pounds
Scallops	4 gallons
Oysters	31 gallons
Clams	32 gallons
Imported Fish	127 pounds
Crabs	none
Lobsters	none

FRUITS

Currants	21 quarts
Grapes	56 pounds
Strawberries	113 crates
Blueberries	91 quarts
Oranges	4½ crates
Cantaloupe	3 crates

VEGETABLES CONDEMNED

Potatoes.....	356 pounds
Tomatoes.....	301 pounds
Peppers.....	3 bushels
Cabbage.....	322 pounds
Cucumbers.....	156 bushels
Lettuce.....	23 bushels
Celery.....	4 boxes
String Beans.....	3 bushels

MISCELLANEOUS PRODUCTS CONDEMNED

Crackers and cookies*.....	217 packages
Cake.....	90 barrels
Raisins.....	51 packages
Gelatine.....	184 boxes
Bread*.....	56 pounds
Jams and jellies.....	109 pounds
Macaroni.....	69 pounds
Olives.....	31 bottles
Cereal.....	207 packages
Flour.....	305 pounds
Coffee.....	17 pounds
Tea.....	31 pounds
Cocoa.....	17 pounds

FISH CONDEMNED

Salmon.....	}	81 cans
Crab Meat.....		
Tuna.....		
Sardines.....		

* Including goods seized at fires.

HOUSING AND PLUMBING INSPECTION

During this year I have been assigned to district number one, East Cambridge, as both sanitary and housing inspector. This district is made up mostly of old houses and a persistent follow-up is necessary in order to keep the properties in good condition. Twenty-one houses have been vacated this year. Seven of these vacated houses have been torn down. Five were remedied and made fit for occupancy. Six families of gypsies have been removed (three families who were occupying stores, and three families who were occupying tenements); seven families had to be removed from tenements. At present there are a total of 32 houses vacated because unfit for human habitation, and still unoccupied.

A detailed statement of general unsanitary conditions found and remedied in this district is included in the summary of Nuisances Abated, etc., which follows this report as Housing Inspector.

Herewith is list of the houses vacated during year and either (1) torn down, (2) made fit for habitation, or (3) still unoccupied:

CONDITION OF HOUSES IN DISTRICT NUMBER ONE

HOUSES VACATED AND TORN DOWN (District One)

217-219 Hurley Street	34 Hampshire Street
29½-81 Winter Street	161 Portland Street
5 Webster Avenue	

HOUSES VACATED AND LATER MADE FIT FOR OCCUPANCY

117-119 Otis Street	24 Seventh Street
35 Market Street	269 Hurley Street

HOUSES VACATED AND STILL UNOCCUPIED

5-6-7-11-12-14-20-21-22 Squires Place	44 Fifth Street
15-17-60-62-64 Winter Street	170 Charles Street
175-207-225 Third Street	57 Porter Street
196-224A-225 Hurley Street	13 Market Street
26R-113-115 Seventh Street	20 Murdock Street
7 Fourth Street	81 Max Avenue
164R Gore Street	316 Webster Avenue

Transporting of patients from and returning them to the tuberculosis hospital after treatment at the Cambridge City Hospital	6
Legal orders served	49

NUISANCES ABATED, REGULATIONS ENFORCED, LICENSES GRANTED, CONTAGIOUS CASES INVESTIGATED, ETC., 1938

Water closets, offensive and defective:	
Filthy bowls	36
Leaking bowls	21
Broken bowls	14
Obstructed soil pipes	33
Defective soil pipes	25
Defective tanks	6
Defective traps	28
Closets not supplied with running water	27
Insufficient supply of running water	27
New closets installed	19
New bowls installed	15
Defective supply pipes (from tank to bowl)	21
Sinks, offensive and defective (including wash bowls, bathtubs and set tubs):	
Filthy basins	15
Leaking basins	15
Defective traps	24
Defective drains	28
Obstructed drains	36
Untrapped drains	4
New sinks installed	18
Obstructed and defective house drains	49
Offensive cesspools cleaned and removed	7

Defective ice chest connections.....	0
Defective barber shop connections.....	2
Wet and damp cellars remedied.....	52
Stagnant water on premises removed.....	48
Stagnant water in streets and gutters removed.....	20
Dirty yards cleaned.....	252
Dirty roofs cleaned.....	8
Dirty buildings cleaned.....	32
Dirty stairways cleaned.....	34
Dirty light wells cleaned.....	2
Dirty cellars cleaned.....	58
Dirty sheds cleaned.....	32
Dirty hencoops cleaned.....	15
Dirty stables cleaned.....	1
Uncovered manure pits properly covered.....	1
Manure in yards and lots removed.....	2
Vacant lots cleaned.....	43
Filthy garbage receptacles cleaned.....	124
Filthy garbage bins cleaned.....	44
New garbage receptacles provided with covers.....	71
New garbage receptacles, covers provided.....	54
Dead animals removed.....	73
Dirty ceilings.....	18
Noisy roosters.....	18
Leaking roofs.....	20
Smoke.....	41
Rats.....	39
Bugs and fleas.....	47
Fowls removed from dwelling houses (cellars, attics, etc.):	
Number of houses.....	11
Obstructed catch-basins cleaned.....	29
Total nuisances abated.....	1,647
Unsanitary dwelling vacated.....	36
Plumbing (peppermint) tests made.....	2
Keeping hens without license.....	12
Keeping pigeons without license.....	9
Hearing notices posted (number premises).....	20
Inspections by sanitary inspectors.....	7,989
Subsequent inspections by sanitary inspectors.....	7,246
Complaints received by inspectors through office.....	1,067
Complaints received by inspectors outside office.....	305
Complaints received and investigated, no cause.....	134
Complaints received and investigated, nuisance abated.....	1,228
Complaints uncompleted.....	10
Contagious cases (releases).....	164
Venereal diseases (lapsed cases, male).....	143
Applications considered:	
On application to conduct public dump.....	1
On application to keep hens.....	17
On applications to keep and sell live fowl.....	3
On applications to keep pigeons.....	4
On applications to maintain public bath.....	1
On applications to collect garbage.....	8
Permits granted:	
Hens (keep).....	12
Hens (keep, kill and sell).....	0
Pigeons.....	3
Licenses granted:	
Undertakers.....	42
Massage practice.....	29

BOARD OF HEALTH

67

Massage establishments	9
Barber shops	168
Ice cream manufacture	21
Maternity hospitals	3
Infant boarding homes	15
Milk pasteurization plants	3
Rummage sales	31
Denatured alcohol dealers	29
To fill premises	2
Non-alcoholic beverages	5
Registrations:	
Collect and cart offensive material	34
Sell ice	32
Slaughter houses	2
Complaints in court (found guilty)	3

JOHN D. CROWLEY,
Clerk and Agent.

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT OF
THE TRUSTEES

CAMBRIDGE
PUBLIC LIBRARY

For the Year Ending December 31, 1938



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

ANNUAL REPORT OF TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

For the Year Ending December 31, 1938

TRUSTEES

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JAMES F. FITZGERALD.....	Term expires January, 1940
JULIA T. BOYLE.....	Term expires January, 1941
RICHARD J. COSTELLO.....	Term expires January, 1941
DANIEL A. BUCKLEY.....	Term expires January, 1942

LIBRARIAN

THOMAS J. SULLIVAN

CENTRAL LIBRARY

Broadway and Trowbridge Street

The central library is open daily, except holidays, from 9 a.m. to 9 p.m. On Sundays the central library is open to readers only from 2 to 6 p.m. From June 1 to October 1 the central library is closed on Sundays.

BRANCH LIBRARIES

Open Week Days Only

EAST CAMBRIDGE BRANCH, 271-273 Cambridge Street

Open from 9 a.m. to 9 p.m.

NORTH CAMBRIDGE BRANCH, Walden and Meade Streets

Open from 9 a.m. to 9 p.m.

CENTRAL SQUARE BRANCH, Municipal Building, Central Square

Open from 9 a.m. to 9 p.m.

CAMBRIDGE FIELD BRANCH, the Shelter, Cambridge Field

Open from 9 a.m. to 9 p.m.

MOUNT AUBURN BRANCH, Aberdeen Avenue

Open from 9 a.m. to 9 p.m.

OBSERVATORY HILL BRANCH, 146 Huron Avenue

Open from 9 a.m. to 9 p.m.

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* Deceased † Retired

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ANNUAL REPORT OF TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

To His Honor the Mayor:

With the submission of the following annual report for 1938 by the Board of Library Trustees, that body takes this pertinent opportunity to express its appreciation of Your Honor's most liberal and understanding estimate of library needs.

The Board organized in March with Daniel A. Buckley, chairman, Alma M. Boudreau, secretary, James F. Fitzgerald, treasurer, Mrs. Julia T. Boyle, Mrs. Elizabeth Schlesinger, Henry J. Mahoney and Dr. Richard J. Costello.

In immediately previous years library appropriations, especially for book supply, were unprecedentedly low. Through a false concept of economy it was thought that a reduction in new books for family use should be included in a general plan of municipal saving. The inevitable occurred. There was a general falling off in book circulation owing to the inability of the Trustees to buy current volumes because of lack of money. Just at a time when the people turned to reading as a solace, an occasion to temporarily forget personal troubles — a mistaken sense of economy cut almost to the bone the people's book supply, thus crippling the co-educational system with the public schools, which institution by the bye suffered no loss of efficiency during the same period. In significant reminder may we record that the circulation in 1938 over 1937 rose from 552,206 to 623,903, an increase of 71,697. We feel it to be our duty as Library Trustees to let the people know that the intelligent policy of Your Honor toward the Public Library system during your official life has been the main cause for the rehabilitation of the service, the gratifying increase in circulation and the general revival of library interest, not alone in the schools where its service is so peculiarly valuable in future citizenship training, but among mature citizens who properly expect an enlightened library policy in a city of such a splendid cultural heritage as Cambridge.

Again may we felicitate Your Honor in your persistent belief in the civic value of proper library housing in the new East Cam-

bridge Branch to be opened in early September. It was through your insistence that this project was included in your notable PWA building program. Being of East Cambridge birth and a graduate of the old Thorndike School, on which site the fine new library is built, none knew clearer than you the definite community value of such a public institution in that section of the city. Let us hope that it will inspire Cambridge citizens to sponsor needed branches in other sections as family memorials.

In commenting on the rising record of the Cambridge Public Library system during 1938 the Trustees feel that they owe it to candor and justice to unanimously tender this expression of due praise to the best friend the Cambridge Public Library system has had among executives these many years.

HENRY J. MAHONEY.

REPORT OF LIBRARIAN

I hereby submit the eighty-first annual report of the Cambridge Public Library.

All reports for the past nine years have carried the story of the depression and the results on the various services of the Library. It is a pleasure for your Librarian to report that the Library has enjoyed its best year since 1934, and further to report a gain in circulation for the first time since 1932.

Through an increased appropriation for books and the expenditure of the interest on trust funds, 13,137 books were added to the collection, 1,100 of these being added to the elementary and grammar school library. During the year the Librarian and members of the staff visited the schools, both public and parochial, and talked to the children on the Library. These talks proved most successful, and there was an immediate increase in the registration and circulation among the school children. In this work the Library met with hearty coöperation from the School Department, the school committee, the superintendent, the assistant superintendent, principals and teachers.

By the new plan of school distribution the books will be changed twice a year and the collection improved. Further plans for developing this very important service are being made, and

as money permits will be made effective. In 1938, three thousand more books were loaned to the schools than in 1937.

Through the efforts of a very active special committee, of which Mrs. Julia T. Boyle was the chairman, and the coöperation of the Mayor, a new library building is being erected in East Cambridge and room for a library is being provided in the renovated Boardman School. The building in East Cambridge will mark the first branch building to be erected by the city. This new branch building is to be ideally located to serve five schools and a very thickly settled community. The library room at the Boardman School is going to serve a section of the city which has been without a near-by branch service.

The building of this branch building should mark the first step in a program to have the six branches located in individual branch buildings by the one hundredth anniversary of the library system in 1957.

During the year an art and pamphlet project under the auspices of the WPA was nearly completed and the files will be available to public use early in 1939. Over 15,000 pictures have been mounted and indexed, including famous paintings, sculpture, architecture and scenes. Twice during the year the art department of the High School borrowed from this collection and were pleased by the material made available through this work.

The Library and the grounds did not escape the ravages of the hurricane on September 21, 1938. Several of the beautiful old trees were blown down and limbs were blown from all of the trees on the grounds except the copper beech. A large spot on the tower was stripped of slate and many slates were broken and blown off other parts of the building. The copper ridge roll was also damaged in parts of the building. An effort is being made to have this damage repaired as soon as possible.

The branches all report large gains in circulation for the year; but a survey of the figures denotes that a change in the location of the Central Square Branch is necessary to offer a real service to a thickly settled part of the city. The annual parties were held at Cambridge Field and East Cambridge Branches and as usual were very successful. In East Cambridge over 150 children were entertained and received a present as well as a bag of candy. At Cambridge Field an equally large number gave their own enter-

tainment and received a bag of candy. These parties are made possible by the generosity of the branch librarians and their assistants and a few generous friends.

During 1938 the Library again lost members of its staff through death and retirement.

1. Shortly after the first of the year, Miss Elizabeth C. Galvin, Branch Librarian at Observatory Hill, died as the result of an accident.

2. In midsummer, Miss Teresa C. Connor, Assistant at Observatory Hill Branch, died after a short illness.

In the death of these two members of the staff, the Library suffered a great loss and the entire staff lost two genial and coöperative fellow workers.

In July, Miss Helena T. Curtis retired from the library system after seventeen years of service. Miss Curtis was the Branch Librarian at Mount Auburn Branch.

The necessary transfers and appointments to fill these vacancies brought:

1. Miss Isabel McGowan from the Main Library to the Observatory Hill Branch.

2. Miss Helen M. T. Kelly from the Reference Room to the Children's Room.

3. Miss H. Rita Cassidy from the Circulation Department to the Reference and School Department.

4. Miss Mary Cronin was appointed to the staff and joined the Catalog Department.

5. Miss Helen Delaney was appointed to the staff and was made assistant at the Mount Auburn Branch.

6. Miss Gertrude Scott was promoted to Branch Librarian at the Observatory Hill Branch.

7. Miss Mary Fitzpatrick was promoted to Branch Librarian at the Mount Auburn Branch.

8. Miss Mary Mahoney was appointed to the staff as an office assistant.

The library staff express their appreciation of the kindness and courtesy of their several patrons and are grateful for the flowers which have been given to them for the Library.

The Reference Department reports a great increase in the use of its facilities. Questions relating to every conceivable subject are brought to this department and the answers obtained.

Many patrons find this room conducive to study and frequently prepare for Civil Service examinations here. The furniture in this room was completely refinished this year and adds greatly to the attractiveness of an already attractive room.

Much of the success of the Library for the year is due to the untiring efforts of the staff to please the patrons and their desire to render a real service. It is the whole-hearted coöperation of this kind that tends to strengthen a public service, and it is a pleasure for the Librarian to express his appreciation in this report.

The Librarian further wishes to express his appreciation to the Board of Trustees for their continued faith and confidence in him. Their willingness to coöperate and their sympathetic understanding of the library problems tend in a great way to make the administration successful.

The Librarian and staff wish to express their gratitude to the many friends of the Library who have given books, pamphlets or pictures to the Library and hope that their interest will continue.

Respectfully submitted,

THOMAS J. SULLIVAN,
Librarian.

LIBRARY STATISTICS
1938

Number of Card Holders

Borrowers registered during year (Central Library)	1,753
Total number of borrowers (Central Library)	19,773

Branch Libraries

Borrowers registered during year (North Cambridge)	336
Total number of borrowers (North Cambridge)	5,158
Borrowers registered during year (Central Square)	705
Total number of borrowers (Central Square)	8,984
Borrowers registered during year (East Cambridge)	228
Total number of borrowers (East Cambridge)	3,271
Borrowers registered during year (Cambridge Field)	432
Total number of borrowers (Cambridge Field)	3,948
Borrowers registered during year (Mount Auburn)	168
Total number of borrowers (Mount Auburn)	1,583
Borrowers registered during year (Observatory Hill)	347
Total number of borrowers (Observatory Hill)	4,132

At Central Library and Branches

Total number of borrowers (those who have registered for new cards since January, 1931)	46,849
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Accessions

Central Library

	1937	1938
Added by purchase (new books)	2,987	5,197
Added by purchase (replacements)	394	170
Added by purchase (from funds)	229	1,128
Added by gift	288	225
Binding	99	39
Lost books found	12*	84
	<hr/>	<hr/>
	4,009*	6,843

Branch Libraries

Added by purchase (new books)	3,828	5,919
Added by purchase (replacements)	47	275
Added by gift	66	34
Added by transfer from Central Library	22	66
Lost books found	0	0
	<hr/>	<hr/>
	3,963	6,294

Total accessions	7,972	13,137
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Deductions

Central Library

Discarded	713	781
Missing	423	577
Transfer to Branches	22	66
	<hr/>	<hr/>
	1,158	1,424

* Correction of 1937 report.

Branch Libraries		1937	1938
Discarded		2,251	2,743
Missing		105	337
		<hr/>	<hr/>
		2,326	3,080
Total deductions		3,484	4,504
Net gain		4,488	8,633
Total volumes in Central and Branches		177,811	186,444
Distributed as Follows			
Central Library		126,917	132,336
North Cambridge		10,515	11,024
Central Square		9,530	9,385
East Cambridge		10,011	10,652
Cambridge Field		7,799*	8,977
Mount Auburn		7,085	7,903
Observatory Hill		5,954	6,167
		<hr/>	<hr/>
		177,811	186,444

* Correction on 1937 report.

CIRCULATION BY CLASSES, 1938

Adult

	Central Library	North Cambridge Branch	Central Square Branch	East Cambridge Branch	Cambridge Field Branch	Mount Auburn Branch	Observatory Hill Branch
General Works	457	189	7	9	22	128	73
Philosophy	1,963	283	171	102	93	187	232
Religion	1,288	2,210	92	161	135	264	144
Sociology	4,606	1,651	308	354	355	808	517
Philology	659	183	34	118	112	274	42
Science	2,051	517	110	91	144	948	190
Useful arts	4,376	1,362	365	200	265	642	403
Fine arts	4,070	816	105	104	277	357	366
Music	1,902	.....	.....	.....	.....	.....	.....
Literature	9,490	6,211	632	1,442	1,136	2,454	1,238
History	8,327	3,863	944	586	719	1,761	1,441
Biography	8,355	3,636	445	454	862	1,187	1,234
Magazines	1,843	5,591	1,020	1,236	1,050	4,996	3,190
Fiction	88,683	45,406	24,128	26,419	29,236	29,939	36,097
School Library	398	.....	.....	.....	.....	.....	.....
	138,468	71,918	28,361	31,276	34,406	43,945	45,167

Juvenile

	Central Library	North Cambridge Branch	Central Square Branch	East Cambridge Branch	Cambridge Field Branch	Mount Auburn Branch	Observatory Hill Branch
General Works	91	2	43	33	29	1,074	112
Philosophy	46	34	15	6	6	153	32
Religion	291	184	40	115	57	327	84
Sociology	3,277	2,750	1,746	2,498	2,290	3,710	1,997
Philology	99	264	119	55	136	224	67
Science	895	461	220	268	265	607	247
Useful arts	828	532	233	297	288	415	326
Fine arts	556	609	153	172	146	366	256
Music . . . . .	.....	.....	.....	.....	.....	.....	.....
Literature	1,492	1,967	550	690	733	2,285	712
History	1,626	4,350	857	1,155	907	1,870	700
Biography	636	1,390	252	285	302	998	334
Magazines	350	310	79	217	183	2,175	239
Fiction	31,788	29,836	10,219	11,573	20,270	25,043	15,425
	41,903	42,689	14,526	17,364	25,612	39,247	20,531

Total Circulation

	1937	1938	Loss	Gain
Central Library.....	155,178	180,371	....	25,193
North Cambridge Branch.....	111,111	114,607	....	3,496
Central Square Branch.....	40,602	42,887	....	2,285
East Cambridge Branch.....	43,897	48,640	....	4,743
Cambridge Field Branch.....	48,821	60,018	....	11,197
Mount Auburn Branch.....	72,943	83,192	....	10,249
Observatory Hill Branch.....	56,054	65,698	....	9,644
Schools.....	23,600	28,490	....	4,890
Total.....	552,206	623,903	....	71,697
Net gain.....				71,697

Books to Outside Agencies

Grade Schools.....	944	4,007	....	3,063
Branch Libraries.....	1,508	1,503	5	

**LIBRARY STATISTICS ACCORDING TO FORM ADOPTED
BY AMERICAN LIBRARY ASSOCIATION**

Annual report for year ending December 31, 1938.

Name of Library: Cambridge Public Library, Cambridge, Mass.

Name of Librarian: Thomas J. Sullivan.

Date of founding: 1858.

Population served (latest statistics) 118,075.

Assessed valuation of city or town: \$173,010,600.

Rate of tax levy: \$41.00 per thousand.

Terms of use: Free for lending, free for reference.

Total number of agencies: Consisting of Central Library; Branches, 6; Stations, 3; other agencies, 24 schools.

Number of days open during year (Central Library)..... 337

Hours open each week for lending (Central Library)..... 72

Hours open each week for reading (Central Library)..... 76

INCREASE

Number of volumes at beginning of year.....	177,811
Number of volumes added during year by purchase.....	12,839
Number of volumes added during year by gift or exchange.....	259
Number of volumes withdrawn during year.....	4,504
Total number at end of year.....	186,444
Number of volumes in Reference Department (included in total).....	3,254
Number of volumes added during year by binding material.....	39
Number of volumes of fiction lent for home use.....	424,062
Total number of volumes lent for home use.....	623,903

REGISTRATION

Number of borrowers registered during year.....	3,969
Total number of registered borrowers.....	46,849

	Titles	Copies
Newspapers.....	17	51
Periodicals.....	219	395

Number of staff, library service.....	34
Number of staff, janitor service.....	3

CITY OF CAMBRIDGE

MASSACHUSETTS

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

AND THE

SUPERINTENDENT OF SCHOOLS

1938



PRINTED FOR THE DEPARTMENT

SCHOOL COMMITTEE

FROM JANUARY 1, 1938 TO JANUARY 1, 1939

MAYOR JOHN W. LYONS*Chairman*

JOHN J. CARVER*Vice-Chairman*

**JOHN J. CARVER, 62 Fayerweather Street

*JAMES J. CASSIDY, 120 Appleton Street

**JAMES F. FITZGERALD, 117 Spring Street

*WILLIAM F. GALGAY, 10 St. Paul Street

*RALPH W. ROBART, 197 Lexington Avenue

**RUSSELL A. WOOD, 9 Whittier Street

Secretary

EDWARD J. O'CONNELL, 58 Guyette Road

*Term expires December 31, 1939.

**Term expires December 31, 1941.

OFFICERS OF THE SCHOOL COMMITTEE

Superintendent of Schools

MICHAEL E. FITZGERALD.....160 Upland Road

Assistant Superintendent of Schools

JOHN M. TOBIN.....67 Rindge Avenue

Executive Secretary

WILLIAM F. DONOVAN.....59 Magazine Street

Supervisor of Primary Schools

ELIZABETH F. BUTLER.....12 Fresh Pond Lane

Supervisor of Kindergartens

ALICE V. MCINTIRE.....83 Brattle Street

Supervisor of Measurement and Adjustment

GERTRUDE B. DUFFY.....175 Mount Auburn Street

Business Agent

CONSTANTINE J. CHURCH.....87 Fayerweather Street

Assistant Business Agent

GERALD T. LISTON.....151 Magazine Street

OFFICES AT CITY HALL

Offices open from 8 o'clock A.M. to 4 o'clock P.M. every day excepting Saturday. Saturday from 8 o'clock A.M. to 12 o'clock M.

In Memoriam

ELIZABETH J. BALDWIN

Appointed teacher, January 1886

Retired, July 1932

Died, February 1938

DANIEL W. CRONIN

Appointed gardener, May 1905

Retired, January 1938

Died, February 1938

JAMES M. FARRELL

Appointed custodian, December 1932

Died, August 1938

ELIZABETH J. KARCHER

Appointed teacher, May 1881

Appointed principal, March 1898

Retired, July 1929

Died, December 1938

SAVILLE A. MOORE

Appointed teacher, April 1920

Died, September 1938

JOSEPH R. LITTLE

Appointed teacher, September 1933

Died, April 1938

REPORT OF THE SUPERINTENDENT OF SCHOOLS

To the School Committee:

I herewith submit my twenty-seventh annual report, which is the seventy-first in the series of annual reports by the superintendents, and the ninety-ninth of the printed reports of the School Committee of Cambridge.

The well-being of all the children — that is the ideal of American education, the ideal and the working plan of the Cambridge schools. We have been most fortunate here in Cambridge. At a time when, in many other communities, too many American children have come to be underprivileged in their classrooms as in their homes; here in Cambridge, supported by an enlightened public, we have been able to protect and continue our progress toward the realization of that ideal — the well-being of all the children. In the name of those children, the teachers, the School Committee, and the superintendents here express their deep and lasting gratitude to that public, to the men and women of Cambridge who have throughout these difficult years, with alert and constant vigilance safeguarded their public schools.

“The well-being of all the children.” We have not conceived that well-being a matter of reading and writing alone, but of rounded development, of the sane mind in the sound body; and we believe the two so intimately and deeply related, that neither may be neglected without danger to both. So it is that, through the agency of our Department of Physical Education, we have long and enthusiastically coöperated with the State services; with the able and devoted physicians and nurses of the Board of Health; with the parents of Cambridge; in safeguarding and increasing the health of the children. By means of periodic examinations, by gymnastic and play classes, by clinics and preventive methods, all the children are receiving attention. And those children who need special attention are receiving it, that they, too, may have a normal expectancy of happy and useful adult living.

Among the children needing special attention are the many with posture defects, those with, or threatened with, curvature of the spine. Modern medical practice is increasingly aware of the

importance of physical posture in conditioning and determining the health of men and women. Many of the serious and crippling ills of adult life are now realized to have developed out of the physical posture defects of children. And those defects, in children at least, are now proven to be both preventable and curable. This work of prevention and curing now demands, for successful continuance and development, the undivided attention and services of a physician with special training, interests and experience in this field. The Superintendent, therefore, urgently requests and recommends the appointment of such a physician.

What can and should we do for our unemployed youth, for the many boys and girls who are being graduated from our high schools into the discouraging idleness of unemployment? This is not a new question, but one that grows pressing and acute in Cambridge, as in the nation. We are aware of it and at work upon it, hoping of course for no quick and easy solution, knowing that there can be no one solution to a problem so diversified and complex.

In emphasizing the importance of this problem, the Superintendent cannot improve upon the words of His Honor, Mayor Lyons, quoted from his letter of January 28, 1939, submitting to the School Committee the first annual report of the Cambridge Youth Commission, created by ordinance in March 1938.

“The economic stress which exists today, with its resultant denial to youth of the opportunity to establish itself in industry, is a definite threat to the existing social order. I know that you gentlemen will agree with the members of the Youth Commission when they point out that boys and girls of high school age are not sufficiently stable emotionally to accept such a status without danger to themselves and the State.

It is a significant fact that the greater number of criminals are found among people from seventeen to twenty-five years old — youth of the age group for whom there is no opportunity for employment or college training.

Unless we meet the challenge thrust upon us and take action to provide for the future of our boys and girls, we will be cultivating fertile fields in which the seeds of Communism and other radical ‘isms’ will readily take root.

We have already met that challenge in a measure by providing the best in education for the youth of Cambridge, but we

must go even beyond that. We must do all in our power to guide them toward careers that will aid them in attaining economic security and happiness in the future. Our high school boys and girls must be helped now to a life of constructive activity."

What is needed and what we are seeking, within the limitations imposed upon us by lack of funds, is a closer correlation between our local industries and the schools preparing youth for service in those industries. In this direction, the headmasters and staffs of our two high schools are now working, with the valued assistance¹ of the Chamber of Commerce, of the Rindge Alumni Association, and of the Cambridge Youth Commission. We must and shall learn just what and how many employment opportunities exist in local industries; we must with increasing efficiency train our students for those opportunities; we should follow with our interest those employed students, both to help them retain their employment, and, when employment is lost, to ascertain in what measure, if at all, any inadequacy of school training is a contributing factor to that loss. We cannot at present employ vocational guidance experts and counsellors for this work alone. Until we can do so, masters, deans, heads of departments, and teachers of both high schools are giving with generous enthusiasm of their time and skills that this work be carried forward as far as is humanly possible under existing conditions.

With continued and increasing satisfaction and appreciation, the Superintendent here notes the vigorous progress being made by the Cambridge-Somerville Youth Study project. This study of boys and of the environmental influences that help and hinder them, promises to become a significant contribution to American education, and a gift of unpredictable value to Cambridge and her children.

It is a deep joy to report that, after more than a decade of planning, waiting and hoping, the building program is well launched. Next September the children, parents and teachers of the Webster School district will enter a new building, modern and right in sanitation, ventilation, and lighting — a building worthy of the district and of the spirit so long housed in the old. And with confidence we may now look forward to the completion of the high school building plans, which will give the students of both high schools the equipment and physical surroundings which they and their teachers deserve.

Last year the building activities at the High and Latin School made necessary an entire reorganization of the school after the commencement of the fall term; the seniors, juniors, and some of the sophomores, attended a morning session, while the freshmen and the remaining sophomores attended an afternoon session. No better description can be given of the spirit of the school, of the relationship between students and teachers, and of the executive ability and influence of the headmaster, than this: That difficult reorganization was carried forward without school work or discipline suffering in the least.

The Cambridge schools have a long and splendid record of achievement, a great past. But we may not live in that past. For education is never finished, never perfected and completed; it is rather a growing and changing process, a vital function of the national body. We may not stand still. Holding to all that is good from the past, we must move through a changing world toward a future, unseen and uncertain. Here in Cambridge we are so moving. In every school and special service, in every department and school activity, work is being done here worthy of note and praise, did space permit. In every school and special service, men and women are fashioning new skills to meet new needs, carrying, too, into the future those unchanging truths our fathers knew.

In ending this report, as so often in the past, the Superintendent thanks them, the teachers of Cambridge, who have made his work light; who are making the schools of Cambridge fortresses of democracy, workshops for the happy building of a better tomorrow.

The Superintendent thanks, too, the School Committee whose coöperation and guidance have made possible what of worth has been accomplished.

Respectfully submitted,

M. E. FITZGERALD,
Superintendent of Schools.

Ordered, That the report of the Superintendent be accepted and adopted as the report of the School Committee for 1938.

EDWARD J. O'CONNELL,
Secretary.

Cambridge, Massachusetts.

FOR THE FINANCIAL YEAR FROM JANUARY 1, 1938
TO DECEMBER 31, 1938

Amount appropriated for 1938 \$1,952,215 27

RECEIPTS

Tuition, State Wards	\$4,403 28
Tuition, Boston City Wards	474 88
Tuition, State Aided Vocational Classes	188 50
Tuition	1,408 05
Chapter 70 G. L.	134,715 00
From State-Vision Class	1,000 00
Rent of halls	2,471 00
Lunchroom receipts	31,980 17
Miscellaneous receipts	499 96
Total	\$177,140 84

EXPENDITURES

Salaries of teachers, all schools	\$1,475,635 54
Teachers examinations	1,828 00
Administrative salaries	68,035 82
General administrative expenses	10,027 79
Textbooks	25,574 01
Supplies	45,941 78
Transportation of pupils	1,869 00
Tuition to other cities	3,040 83
Janitor salaries	135,947 35
Janitor's supplies	3,641 09
Fuel and light	63,440 93
Repairs to buildings	21,961 43
Furniture and furnishings	3,967 76
Travel outside State	84 01
Other school expenses	9,403 31
Refund on Minors' Licenses	69 00
Pensions	1,320 52
Lunch rooms supplies	25,560 19
Athletic clothing	2,484 70
Museum supplies	461 89
WPA nursery classes supplies	1,062 79
WPA projects	9,500 00
Retirement Fund, 1936	5,772 80
Retirement Fund, 1937	6,258 61
Retirement Fund, 1938	5,792 76
Total expenditures	\$1,928,681 91
Balance unexpended	\$23,533 36

WPA projects appropriations.....	\$9,500 00
Balance from 1937.....	613 67
<hr/>	
Total appropriation.....	\$10,113 67
Expended.....	5,281 14
<hr/>	
Unexpended balance.....	\$4,832 53

WPA PROJECTS

	Allotted	Expended	Balance
Agassiz School.....	\$27 60	\$27 60	.....
Fletcher School.....	250 00	213 25	\$36 75
Morse School.....	781 62	51 39	730 23
Ellis School.....	21 77	21 77	.....
Kelley School.....	55 75	55 75	.....
Peabody School.....	250 00	245 68	4 32
Putnam School.....	6,000 00	2,544 69	3,455 31
Webster School.....	23 83	23 83	.....
Thorndike School.....	314 73	309 54	5 19
Lincoln School.....	1,391 85	870 12	521 73
Book repairing.....	983 90	910 91	72 99
Weatherstripping.....	12 62	6 61	6 01
<hr/>		<hr/>	<hr/>
	\$10,113 67	\$5,281 14	\$4,832 53

TABLE SHOWING VALUE OF BUILDINGS, LAND AND EQUIPMENT

	Buildings	Land	Total
Putnam School.....	\$65,900 00	\$8,700 00	\$74,600 00
Thorndike School.....	100,000 00	14,400 00	114,400 00
Gannett School.....	7,800 00	3,100 00	10,900 00
Roberts School.....	561,000 00	20,100 00	581,100 00
Kelley School.....	83,000 00	9,400 00	92,400 00
Wellington School.....	133,000 00	14,900 00	147,900 00
Fletcher School.....	94,400 00	8,600 00	103,000 00
Morse School.....	80,400 00	11,100 00	91,500 00
Willard School.....	28,100 00	8,000 00	36,100 00
Webster School.....	154,600 00	11,100 00	165,700 00
Harvard School	71,800 00	11,800 00	83,600 00
Longfellow School.....	474,100 00	28,900 00	503,000 00
Houghton School.....	261,300 00	7,500 00	268,800 00
Rindge School.....	1,356,400 00	105,800 00	1,462,200 00
High and Latin School.....	689,200 00	92,500 00	781,700 00
Agassiz School.....	122,100 00	11,800 00	133,900 00
Ellis School.....	50,000 00	7,600 00	57,600 00
Sleeper School.....	30,000 00	8,400 00	38,400 00
Wyman School.....	5,900 00	4,600 00	10,500 00
Lincoln School.....	215,400 00	11,800 00	227,200 00
Peabody School.....	68,000 00	22,900 00	90,900 00
Lot.....	.....	6,400 00	6,400 00
Lowell School.....	6,500 00	5,500 00	12,000 00
Russell School.....	239,500 00	31,300 00	270,800 00
Lot.....	.....	2,500 00	2,500 00
Haggerty School.....	45,300 00	8,200 00	53,500 00
	\$4,943,700 00	\$476,900 00	\$5,420,600 00

COST OF INSTRUCTION FROM JANUARY 1, 1938 TO JANUARY 1, 1939

SCHOOLS AND OFFICERS	Cost of Instruction	Average Number of Pupils for the Year ending in December	Cost per Pupil
High and Latin School.....	\$352,194 10	3,300	\$106 72
Rindge Technical School.....	220,084 49	1,416	155 43
Grammar Schools.....	377,045 93	5,940	63 48
Primary Schools.....	212,032 99	3,640	58 25
Kindergartens.....	55,509 13	789	70 35
Open Air Classes.....	29,949 02	209	143 30
Ungraded Classes.....	22,547 67	156	144 54
Substitute Teachers.....	26,767 00	....	.....
Continuation School for Girls.....	3,464 00	....	.....
Department of Art.....	10,914 00	....	.....
Department of Music.....	14,166 73	....	.....
Department of Physical Education.....	32,056 15	....	.....
Manual Training and Pre-Vocational Work.....	31,793 20	....	.....
Central Trade and Continuation for Boys.....	21,020 36	....	.....
Teachers of Sewing.....	10,961 54	....	.....
Teacher of Cooking.....	1,850 00	....	.....
Teacher of Stammerers.....	1,994 00	....	.....
Teachers of Vision Class.....	3,821 33	....	.....
Teacher of Lip Reading.....	1,994 00	....	.....
Teacher at Hospital.....	2,008 26	....	.....
Opportunity Class.....	4,711 44	....	.....
Home Teachers.....	10,020 85	....	.....
Teachers at Museum.....	6,284 50	....	.....
Athletics.....	7,799 84	....	.....
Superintendent.....	7,700 00	....	.....
Assistant Superintendent.....	4,666 67	....	.....
Supervisor of Primary Schools.....	2,800 00	....	.....
Supervisor of Kindergartens.....	2,800 00	....	.....
Business Agent.....	3,750 00	....	.....
Clerks.....	17,761 49	....	.....
Storekeeper and Assistant.....	1,771 66	....	.....
Supervisors of Attendance.....	16,136 00	....	.....
Measurements and Adjustments.....	4,264 90	....	.....
Teachers Examinations.....	1,828 00	....	.....
Total.....	\$1,524,469 25	15,450	\$98 67

The per pupil costs in the High and Latin, Rindge Technical, Grammar and Primary Schools Special Classes, Kindergartens and Open Air Classes are listed above.

Cost of instruction in the Evening Elementary Schools.....	\$1,808 00
Cost of instruction in the Evening High School.....	6,642 00
Cost of instruction in Rindge Evening Industrial.....	6,185 61
Total.....	\$14,635 61
Cost of instruction in Americanization, Director and Field Worker....	\$4,286 00
Cost of instruction in Americanization, Afternoon Classes.....	\$2,108 50

COST OF INSTRUCTION IN THE EVENING SCHOOLS

YEAR	Drawing	Industrial	High	Elementary	Total
1934*	\$405 00	\$3,170 50	\$4,990 00	\$5,501 00	\$14,066 50
1935	171 00	4,741 00 ¹	6,628 00	5,444 00	16,984 00 ¹
1936	391 50	3,933 00 ²	6,183 00	1,464 00	11,971 50 ²
1937	400 50	4,314 00 ³	6,077 00	1,472 50	12,264 00 ³
1938	486 00	5,800 00 ⁴	6,642 00	1,808 00	14,736 00 ⁴

*For 3 months.

GENERAL STATISTICS

Population of Cambridge

1900	91,886	1920	109,694
1910	104,839	1930	113,643

NUMBER OF TEACHERS IN THE DAY SCHOOLS

DECEMBER	High and Latin School	Rindge Technical School	Elementary Schools	Kinder-gartens	Continuation School Central Vocational Class	Directors and Special Teachers	Total
1934	146	75	368	37	8	43	677
1935	148	76	359	37	10	51	681
1936	153	77	355	35	10	50	680
1937	146	77	359	38	11	53	684
1938	153	83	353	38	12	53	692

{ This amount includes \$126.63 received from Smith-Hughes Fund.
¹ { This amount includes \$63.46 received from George-Ellzey Fund.
² This amount includes \$93.54 received from Smith-Hughes Fund.
³ This amount includes \$100.30 received from Smith-Hughes Fund.
⁴ This amount includes \$100.39 received from Smith-Hughes Fund.

COST OF INSTRUCTION IN THE DAY SCHOOLS

*Salaries of Teachers, Superintendents, Supervisors, Agent, Clerks,
and Supervisors of Attendance*

YEAR	Number of Teachers in December	Number of Pupils in December	Average Number of Pupils for Year ending in June	Total Cost	Cost per Pupil
1929.....	623	15,593	15,309	\$1,402,658 40	\$91 62
1930.....	648	15,610	15,392	1,437,718 25	93 41
1931*.....	678	16,044	15,434	1,128,912 08*	70 36
1932.....	692	16,201	15,738†	1,530,247 64	97 23
1933.....	695	16,561	15,899†	1,536,943 42	96 67
1934.....	677	16,505	15,757†	1,532,001 58	97 23
1935.....	681	16,329	15,742†	1,548,916 87	98 39
1936.....	680	15,999	15,636†	1,551,430 12	99 22
1937.....	684	15,410	15,327†	1,529,010 51	99 76
1938.....	692	15,571	15,450†	1,524,469 25	98 67

*From April 1, 1931 to December 31, 1931.

†Average number belonging for year ending in December

COST OF THE SCHOOLS

*Cost of Instruction, of Textbooks and Supplies, of Incidental Expenses, of
the Care of Schoolhouses, and of the Transportation of Pupils,
but not including Repairs*

YEAR	Number of Teachers in December	Number of Pupils in December	Average Number of Pupils for Year ending in June	Total Cost	Cost per Pupil
1929.....	623	15,593	15,309	\$1,807,840 36	\$118 09
1930.....	648	15,610	15,392	1,848,685 67	133 10
1931*.....	678	16,044	15,434	1,481,394 95*	92 33
1932.....	692	16,201	15,738†	1,807,367 84	114 84
1933.....	695	16,561	15,899†	1,810,631 37	113 89
1934.....	677	16,505	15,757†	1,829,377 56	116 10
1935.....	681	16,329	15,742†	1,912,347 22	121 48
1936.....	680	15,999	15,636†	1,878,426 06	120 13
1937.....	684	15,410	15,327†	1,849,265 74	120 65
1938.....	692	15,571	15,450†	1,897,220 48	122 80

*From April 1, 1931 to December 31, 1931.

†Average number belonging for year ending in December.

ATTENDANCE AT ALL THE DAY SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attend- ance	Per Cent of Attend- ance
	Boys	Girls	Total			
1934	9,467	8,271	17,738	16,335	15,120	92.6
1935	9,079	8,070	17,149	16,556	15,292	92.4
1936	9,186	8,238	17,424	16,278	15,060	92.5
1937	9,025	8,045	17,070	15,868	14,436	90.9
1938	8,714	7,808	16,522	15,317	14,349	93.7

ATTENDANCE AT THE HIGH AND LATIN SCHOOL

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attend- ance	Per Cent of Attend- ance
	Boys	Girls	Total			
1934	1,327	2,354	3,681	3,306	3,067	92.8
1935	1,150	2,236	3,386	3,379	3,165	93.7
1936	1,291	2,298	3,589	3,277	3,072	93.7
1937	1,415	2,316	3,731	3,318	3,058	92.2
1938	1,209	2,384	3,593	3,322	3,076	92.6

ATTENDANCE AT THE RINDGE TECHNICAL SCHOOL

YEAR	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
1934	1,689	1,475	1,364	92.5
1935	1,654	1,474	1,378	93.5
1936	1,571	1,416	1,291	91.1
1937	1,585	1,401	1,262	90.0
1938	1,550	1,367	1,253	91.7

ATTENDANCE AT THE GRAMMAR SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1934	3,518	3,403	6,921	6,588	6,248	94.8
1935	3,481	3,270	6,751	6,657	6,269	94.2
1936	3,663	3,468	7,131	6,802	6,414	94.3
1937	3,394	3,299	6,693	6,375	5,978	93.8
1938	3,371	3,085	6,456	6,161	5,842	94.8

ATTENDANCE AT THE PRIMARY SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1934.....	2,434	2,031	4,465	4,170	3,796	91.0
1935.....	2,298	2,054	4,352	4,215	3,790	89.9
1936.....	2,184	1,958	4,142	3,968	3,601	90.7
1937.....	2,137	1,949	4,086	3,970	3,464	87.3
1938.....	2,118	1,849	3,967	3,663	3,407	93.0

ATTENDANCE AT THE KINDERGARTENS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1934.....	499	483	982	796	645	81.0
1935.....	496	510	1,006	831	690	83.0
1936.....	477	514	991	815	682	83.7
1937.....	494	481	975	804	674	83.8
1938.....	466	490	956	804	771	95.9

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE HIGH
AND LATIN SCHOOL

SEPTEMBER	Boys	Average Age	Girls	Average Age
1934.....	256	14 years 0 months	569	14 years 2 months
1935.....	260	12 years 10 months	645	13 years 0 months
1936.....	285	13 years 10 months	672	13 years 10 months
1937.....	239	13 years 8 months	670	13 years 9 months
1938.....	284	13 years 4 months	673	13 years 8 months

NUMBER OF PUPILS GRADUATED FROM THE HIGH AND LATIN SCHOOL

YEAR	Boys	Average Age	Girls	Average Age
1934.....	193	17 years 7 months	301	17 years 8 months
1935.....	204	18 years 2 months	303	17 years 9 months
1936.....	234	17 years 11 months	352	18 years 0 months
1937.....	211	18 years 2 months	333	18 years 1 month
1938.....	194	18 years 2 months	346	18 years 0 month

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE RINDGE TECHNICAL SCHOOL, WITH THE NUMBER OF GRADUATES

SEPTEMBER	Admitted	Average Age	Graduated in June	Average Age
1934.....	558	14 years 9 months	229	18 years 4 months
1935.....	567	14 years 9 months	229	18 years 5 months
1936.....	545	15 years 1 month	212	18 years 7 months
1937.....	535	14 years 10 months	245	18 years 3 months
1938.....	634	14 years 11 months	228	18 years 5 months

NUMBER OF PUPILS GRADUATED FROM THE GRAMMAR SCHOOLS

JUNE	Boys	Average Age	Girls	Average Age
1934.....	527	14 years 6 months	504	14 years 2 months
1935.....	595	14 years 7 months	470	14 years 4 months
1936.....	556	14 years 6 months	559	14 years 5 months
1937.....	512	14 years 5 months	600	14 years 3 months
1938.....	582	14 years 6 months	586	14 years 2 months

NUMBER OF PUPILS COMPLETING THE PRIMARY COURSE OF STUDY

YEAR	Boys	Average Age	Girls	Average Age
1934.....	573	9 years 3 months	560	9 years 0 months
1935.....	542	9 years 2 months	537	9 years 1 month
1936.....	541	9 years 4 months	485	9 years 1 month
1937.....	508	9 years 1 month	572	9 years 3 months
1938.....	537	9 years 3 months	493	9 years 0 months

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY IN THE GRAMMAR SCHOOLS

YEAR	In Four Years or Less	In Five Years	In Six Years	In More than Six Years
1934.....	3 per cent	70 per cent	21 per cent	6 per cent
1935.....	6 per cent	67 per cent	22 per cent	5 per cent
1936.....	2 per cent	74 per cent	20 per cent	4 per cent
1937.....	1 per cent	71 per cent	21 per cent	7 per cent
1938.....	1 per cent	73 per cent	22 per cent	4 per cent

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY IN THE PRIMARY SCHOOLS

YEAR	In Less than Three Years	In Three Years	In Four Years	In More than Four Years
1934.....	3 per cent	62 per cent	23 per cent	12 per cent
1935.....	2 per cent	58 per cent	28 per cent	12 per cent
1936.....	1 per cent	61 per cent	24 per cent	14 per cent
1937.....	2 per cent	58 per cent	25 per cent	15 per cent
1938.....	2 per cent	64 per cent	22 per cent	12 per cent

NUMBER OF PUPILS IN THE HIGH AND LATIN SCHOOL, DECEMBER, 1938

YEAR	Boys	Girls	Total	Per Cent
Post Graduate.....	52	41	93	.027
Twelfth.....	226	430	656	.189
Eleventh.....	256	599	855	.246
Tenth.....	273	621	894	.258
Ninth.....	302	668	970	.280
Total.....	1,109	2,359	3,468	..

NUMBER OF PUPILS IN THE RINDGE TECHNICAL SCHOOL, DECEMBER, 1938

(This school is for boys only. It became a part of the public system January 1, 1899)

YEAR	Boys	Per Cent
Post Graduate.....	33	.022
Twelfth.....	231	.151
Eleventh.....	307	.201
Tenth.....	387	.254
Ninth.....	567	.372
*Total.....	1,525	....

* Includes boys in Central Vocational School for Boys doing High School work.

NUMBER OF PUPILS IN THE GRAMMAR SCHOOLS. DECEMBER, 1938

YEAR	Boys	Girls	Total	Per Cent
Eighth.....	645	588	1,233	.202
Seventh.....	657	613	1,270	.208
Sixth.....	643	615	1,258	.206
Fifth.....	603	618	1,221	.200
Fourth.....	596	534	1,130	.184
Total.....	3,144	2,968	6,112	....

NUMBER OF PUPILS IN THE PRIMARY SCHOOLS, DECEMBER, 1938

YEAR	Boys	Girls	Total	Per Cent
Third	566	581	1,147	.314
Second	652	533	1,185	.325
First	704	614	1,318	.361
Total	1,922	1,728	3,650	...

NUMBER OF PUPILS AND TEACHERS IN THE KINDERGARTENS

YEAR	Boys	Girls	Total	Number of Teachers
1934	456	456	912	37
1935	429	454	883	37
1936	469	438	907	35
1937	435	434	869	38
1938	409	407	816	38

NUMBER OF AGE AND SCHOOLING CERTIFICATES ISSUED

1932	1933	1934	1935	1936	1937	1938
391	199	75	105	179	162	84
2,108 ¹	2,307 ¹	1,679 ¹	2,105 ¹	2,818 ¹	2,938 ¹	2,287 ¹

¹ Issued to minors over sixteen years of age.

SUMMARY

Number of Pupils Belonging in December, 1938

Number of pupils in the High and Latin School	3,468
Number of pupils in the Rindge Technical School	1,525
Number of pupils in the Grammar Grades	5,608
Number of pupils in the Primary Grades	3,456
Number of pupils in the Kindergarten	816
Number of pupils in the Open Air Classes	202
Number of pupils in Special Classes	340
Number of pupils in the Ungraded Classes	156
Number of pupils in the public schools, December, 1938	15,571
Number of pupils in the public schools, December, 1937	15,410
Increase of pupils, December, 1938	161
Decrease of pupils, 1928	361
Decrease of pupils, 1929	154
Increase of pupils, 1930	17
Increase of pupils, 1931	434
Increase of pupils, 1932	157
Increase of pupils, 1933	360
Decrease of pupils, 1934	56
Decrease of pupils, 1935	176
Decrease of pupils, 1936	330
Decrease of pupils, 1937	589
Increase of pupils, 1938	161

NUMBER OF PUPILS REGISTERED IN THE EVENING DRAWING SCHOOLS,
WITH THE AVERAGE ATTENDANCE

	1935†	1935‡	1936†	1936‡	1937†	1937‡	1938†	1938‡
Number registered	54	62	81	67	57	95	64	101
Average attendance	30	32	37	43	38	53	28	60

NUMBER OF PUPILS REGISTERED IN THE EVENING INDUSTRIAL
SCHOOL, WITH THE AVERAGE ATTENDANCE

	1935†	1935‡	1936†	1936‡	1937†	1937‡	1938†	1938‡
Number registered	602	572	753	700	318	884	672	966
Average attendance	285	246	322	441	241	592	386	615

NUMBER OF PUPILS REGISTERED IN THE EVENING HIGH SCHOOL,
WITH THE AVERAGE ATTENDANCE

	1935†	1935‡	1936†	1936‡	1937†	1937‡	1938†	1938‡
Number registered	1,132	1,021	1,343	1,472	1,495	1,595	1,595	1,554
Average attendance	480	388	360	797	434	873	418	713

NUMBER OF PUPILS REGISTERED IN THE EVENING ELEMENTARY
SCHOOLS, WITH THE AVERAGE ATTENDANCE

	1935†	1935‡	1936†	1936‡	1937†	1937‡	1938†	1938‡
Number registered	978	278	363	476	413	442	478	460
Average attendance	562	108	154	242	220	262	294	253

† January through March.

‡ October through December.

ATTENDANCE AT THE EVENING SCHOOLS, 1938*

SCHOOLS	NUMBER REGISTERED			Average Number Belonging	Average Attend- ance	Per Cent of Attend- ance
	Males	Females	Total			
Rindge Industrial Classes	650	22	672	521	386	74
Architectural and Mechanical Drawing	44	....	44	31	22	71
Freehand Drawing	17	3	20	10	6	60
Evening High School	760	835	1,595	676	418	62
General Elementary School . . .	230	248	478	452	294	65
Total	1,701	1,108	2,809	1,690	1,126	67

* January through March.

COST OF THE EVENING SCHOOLS, 1938*

SCHOOLS	Salaries of Teachers	Cost of Janitor Service	Cost of Textbooks and Supplies	Total
Evening High School	\$3,475 00	\$313 50	\$181 70	\$3,970 20
Rindge Industrial	3,067 00	140 00	498 78	3,705 78
Drawing Classes	256 50	13 00	.....	269 50
Elementary Evening	958 00	56 00	5 39	1,019 39
Americanization Classes	1,105 50	38 25	42 50	1,186 25
Total	\$8,862 00	\$560 75	\$728 37	\$10,151 12

* January through March.

ATTENDANCE AT THE EVENING SCHOOLS, 1938*

SCHOOLS	NUMBER REGISTERED			Average Number Belonging	Average Attend- ance	Per Cent of Attend- ance
	Males	Females	Total			
Rindge Industrial Classes	916	50	966	875	615	70
Architectural and Mechanical Drawing	69	.....	69	56	45	80
Freehand Drawing	28	4	32	21	15	72
Evening High School	540	1,014	1,554	1,023	713	70
General Elementary School . . .	209	251	460	347	253	73
Total	1,762	1,319	3,081	2,322	1,641	71

* October through December.

COST OF THE EVENING SCHOOLS, 1938*

SCHOOLS	Salaries of Teachers	Cost of Janitor Service	Cost of Textbooks and Supplies	Total
Evening High School	\$3,167 00	\$142 00	\$533 20	\$3,842 20
Rindge Industrial	2,733 00	128 00	2,419 14	5,280 14
Drawing Classes	229 50	12 00	17 81	259 31
General Elementary School	850 00	58 00	25 73	933 73
Americanization Classes	1,003 00	35 25	41 80	1,080 05
Total	\$7,982 50	\$375 25	\$3,037 68	\$11,395 43

* October through December.

NUMBER OF ASSISTANT TEACHERS IN THE EVENING SCHOOLS, 1938*

SCHOOLS	AVERAGE NUMBER OF ASSISTANT TEACHERS			
	1937*	1937†	1938*	1938†
Rindge Industrial Classes	24	37	32	36
Rindge Mechanical and Architectural Drawing Classes	2	2	2	2
Freehand Drawing Classes	1	1	1	1
Evening High School	47	53	47	47
General Elementary School	18	16	20	17
Total	92	109	102	103

NUMBER OF GRADUATES IN THE EVENING SCHOOLS, 1938*

SCHOOLS	NUMBER OF GRADUATES	
	1937	1938
Rindge Industrial Classes	54	60
Mechanical Drawing Class	6	1
Freehand Drawing Class	0	1
Evening High School	72	63
General Elementary School	14	15
Total	146	140

* January through March.
† October through December.

ATTENDANCE AT THE INDUSTRIAL CLASSES, 1938*

(For women in the elementary schools)

SCHOOLS	Number Registered	Average Number Belonging	Average Attendance	Per Cent of Attendance
General Elementary School	49	53	26	49

* January through March. /

ATTENDANCE AT THE INDUSTRIAL CLASSES, 1938†

(For women in the elementary schools)

SCHOOLS	Number Registered	Average Number Belonging	Average Attendance	Per Cent of Attendance
General Elementary School	106	72	41	57

† October through December.

BUILDINGS USED FOR EVENING SCHOOL PURPOSES

SCHOOLS	CLASSES
Rindge School:	
a. Industrial Classes	Woodwork, ironwork, printing, mechanical drawing, architectural drawing, electricity, estimating, gas engine, aeronautics and auto repair work.
b. Drawing Classes	Freehand drawing.
High School	Academic, commercial.
General Elementary at High School	Grammar school work, Americanization, sewing.

STATISTICS FOR CONTINUATION SCHOOL

Girls

Number enrolled to January 1	64
Number returned to regular schools	2
Number discharged by reaching sixteenth birthday to January 1.....	29
Number discharged to other towns to January 1	2
Number of full-time pupils on January 1	0

Number of Girls in Each Grade, Enrolled to January 1

Grade 4	1
Grade 5	2
Grade 6	6
Grade 7	4
Grade 8	46
High School	5
Average grade of total enrollment for 1937	7.6

Boys

Number enrolled to January 1	30
Number returned to regular schools	5
Number discharged by reaching sixteenth birthday to January 1.....	16
Number discharged to other towns to January 1	0
Number of full-time pupils on January 1	9

Number of Boys in Each Grade, Enrolled to January 1

Grade 6	7
Grade 7	6
Grade 8	10
High School	7
Average grade of total enrollment for 1937	7.6

SIGHT AND HEARING TESTS

	1935	1936	1937	1938
Number enrolled.....	16,173	16,095	15,622	15,183
Number defective in sight.....	1,529	1,684	1,641	1,395
Number defective in hearing.....	286	320	357	424
Number of parents notified.....	1,613	1,744	1,678	1,459

SUMMARY OF THE REPORTS OF THE SUPERVISORS OF ATTENDANCE,
SEPTEMBER, 1937, TO SEPTEMBER, 1938

Number of absences investigated.....	19,059
Truancy, first offence.....	720
Truancy, third offence.....	221
Children found wandering about the streets not belonging to any school...	47
Such children sent to school.....	46
Visits to mercantile and manufacturing establishments.....	121
Children employed without certificates.....	5

CONTAGIOUS DISEASES REPORTED TO THE SCHOOLS
JANUARY 1, 1938, TO JANUARY 1, 1939

Lobar pneumonia.....	123
Chicken pox.....	418
Diphtheria.....	6
Measles.....	261
Mumps.....	468
Scarlet fever.....	380
Whooping cough.....	257
German measles.....	32
Infantile paralysis.....	0
Cerebrospinal meningitis.....	2
Septic sore throat.....	7
Typhoid fever.....	1
Total.....	1,955

STATISTICS OF THE PRIVATE AND PAROCHIAL SCHOOLS TAKEN BY THE
SUPERVISORS OF ATTENDANCE, OCTOBER 1, 1938

Eleven Parochial Schools, with an enrollment of.....	6,728
Five Private Schools, with an enrollment of.....	467
Total.....	7,195

TEACHERS AND OFFICIALS PENSIONED BY THE CITY

Teacher, Elementary School.....	Mary P. Blair
Teacher, Elementary School.....	Sarah J. Gunnison
Teacher, Elementary School.....	Eliza Hussey
Teacher, Elementary School.....	Anastasia R. Peters
Teacher, Elementary School.....	Mary A. Stephenson
Janitor.....	J. E. Arthur Plant
Janitor.....	Michael Reid

SALARY SCHEDULE

Cambridge High and Latin and Rindge Technical Schools

	Minimum	Increase per Year	Number of Years	Maximum
Headmasters	\$4,100	\$200	3	\$4,700
Assistant Headmasters	3,650	150	3	4,100
Masters.....	2,850	150	6	3,750
Teachers (men).....	1,850	150	7	2,900
Teachers (women).....	1,534	120	6	2,254
*Deans.....	.....	...	...	.....
†Headmasters' Assistants .....	.....	...	...	.....
‡Masters' Assistants.....	.....	...	...	.....
Permanent Substitutes (men).....	1,536	...	...	.....
Permanent Substitutes (women)	1,248	...	...	.....

Elementary Schools

Masters.....	\$2,950	\$150	6	\$3,850
Submasters.....	1,800	100	7	2,500
Masters' Assistant.....	1,908	100	2	2,108
Teachers, 8th Grade.....	1,338	100	6	1,938
Teachers.....	1,278	96	6	1,854
Principals, 9 rooms.....	2,176	120	2	2,416
Principals, 8 rooms or less.....	2,052	100	2	2,252

Kindergartens

Teachers.....	\$1,226	\$84	6	\$1,730
Assistant Teachers.....	1,190	84	5	1,610

Music and Art

Director.....	\$2,950	\$150	6	\$3,850
Assistant Director	2,252	150	6	3,152
Assistants.....	1,800	100	6	2,400
Teachers.....	1,362	96	6	1,936

Sewing

Teachers High	\$1,534	\$120	6	\$2,254
Teachers Elementary	1,262	96	6	1,838

*Deans are paid \$360 in addition to their regular teachers' salary.
†Headmasters' Assistants are paid \$360 in addition to their regular teachers' salary.
‡Masters' Assistants are paid \$200 in addition to their regular teachers' salary.

SALARY SCHEDULE — Concluded

Physical Education

	Minimum	Increase per Year	Number of Years	Maximum
Director.....	\$2,950	\$150	6	\$3,850
Assistant Director (men).....	2,252	150	6	3,152
Assistant Director (women).....	1,800	100	6	2,400
Teachers.....	1,362	96	6	1,938

Cooking

Teachers.....	\$1,274	\$96	6	\$1,850
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Prevocational

Teachers (women).....	\$1,446	\$100	6	\$2,046
Teachers (men).....	1,600	150	5	2,350

Special Classes

Principal (Open Air).....	\$2,000	\$100	3	\$2,300
Teachers	1,394	100	6	1,994

Continuation and Vocational School

Teachers (men).....	\$1,600	\$150	5	\$2,350
Teachers (women).....	1,450	100	6	2,050

Supervisors of Attendance

Each.....	\$1,800	\$150 per year for the first three years; \$50 fourth year	4	\$2,300
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NOTE. — Teachers entering the service of the Cambridge Public Schools for the first time, with outside experience, shall be given credit on the salary schedule by the following rule:

Three years of experience outside of the city will be considered as equivalent to one year of experience in the city, but in no case shall a teacher be credited with more than five years of experience.

EVENING SCHOOLS

Evening High School

Per Evening

<i>Masters:</i> Minimum	\$6 00
Maximum	7 00
<i>Teachers:</i> Minimum	3 00
To teachers during the first year of service in evening schools.	
Maximum	4 00
To teachers of five or more years' experience in day schools; to teachers of less than five years' experience in day schools after one year of service in evening schools, and to teachers without day school experience after two years of service in evening schools.	
<i>Secretary</i>	3 00
<i>Clerk</i>	2 00

Rindge Evening Industrial School

<i>Master:</i> Minimum	6 00
Maximum	7 00
<i>Teachers:</i> Minimum	3 50
Maximum	4 50
<i>Secretary</i>	3 00

Elementary Schools

<i>Principals</i>	5 00
<i>Teachers:</i> Minimum	2 50
To teachers during the first year of service in evening schools.	
Maximum	3 00
To teachers of five or more years' experience in day schools; to teachers of less than five years' experience in day schools after one year of service in evening schools, and to teachers without day school experience after two years of service in evening schools.	
<i>Clerks</i>	2 00

SCHOOL CALENDAR

1938-1939

The first term — From September 12 to December 23.

The second term — From January 3 to February 24.

The third term — From March 6 to April 28.

The fourth term — From May 8 to June 23.

1939-1940

The first term — From September 11 to December 22.

SCHOOL HOLIDAYS

Columbus Day; Armistice Day; Thanksgiving Day, with the day preceding and the day following; Washington's Birthday; Good Friday; Patriots' Day; Memorial Day; and the Seventeenth of June. If one of these holidays falls on Sunday, the schools are closed on the day following.

EVENING SCHOOLS

There are two terms of the evening schools. The first term begins on the second Tuesday of October and closes one week previous to the closing of the day schools for the Christmas holidays. The second term begins on the first Tuesday of January, except when that day falls on New Year's Day, in which case it begins on the Thursday following New Year's Day, and continues for at least twenty-five evenings. Vacations and holidays are the same as in the day schools.

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